

Figure 1

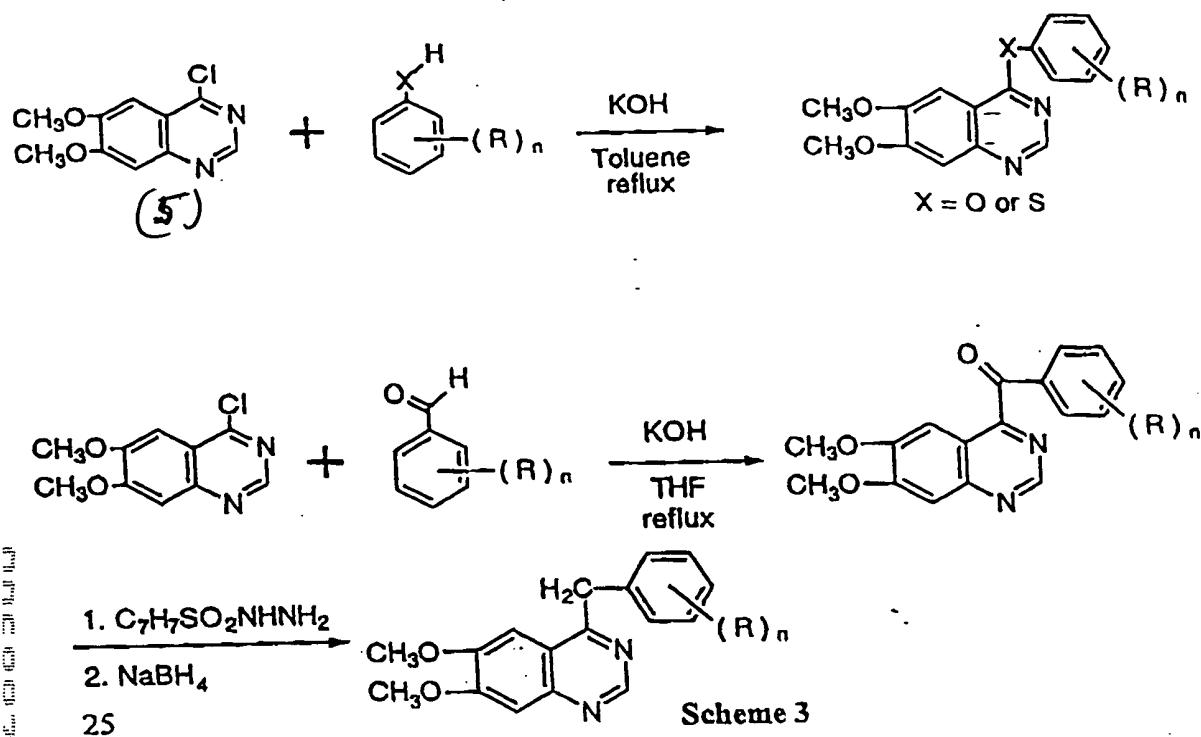


Fig 1

Figure 4

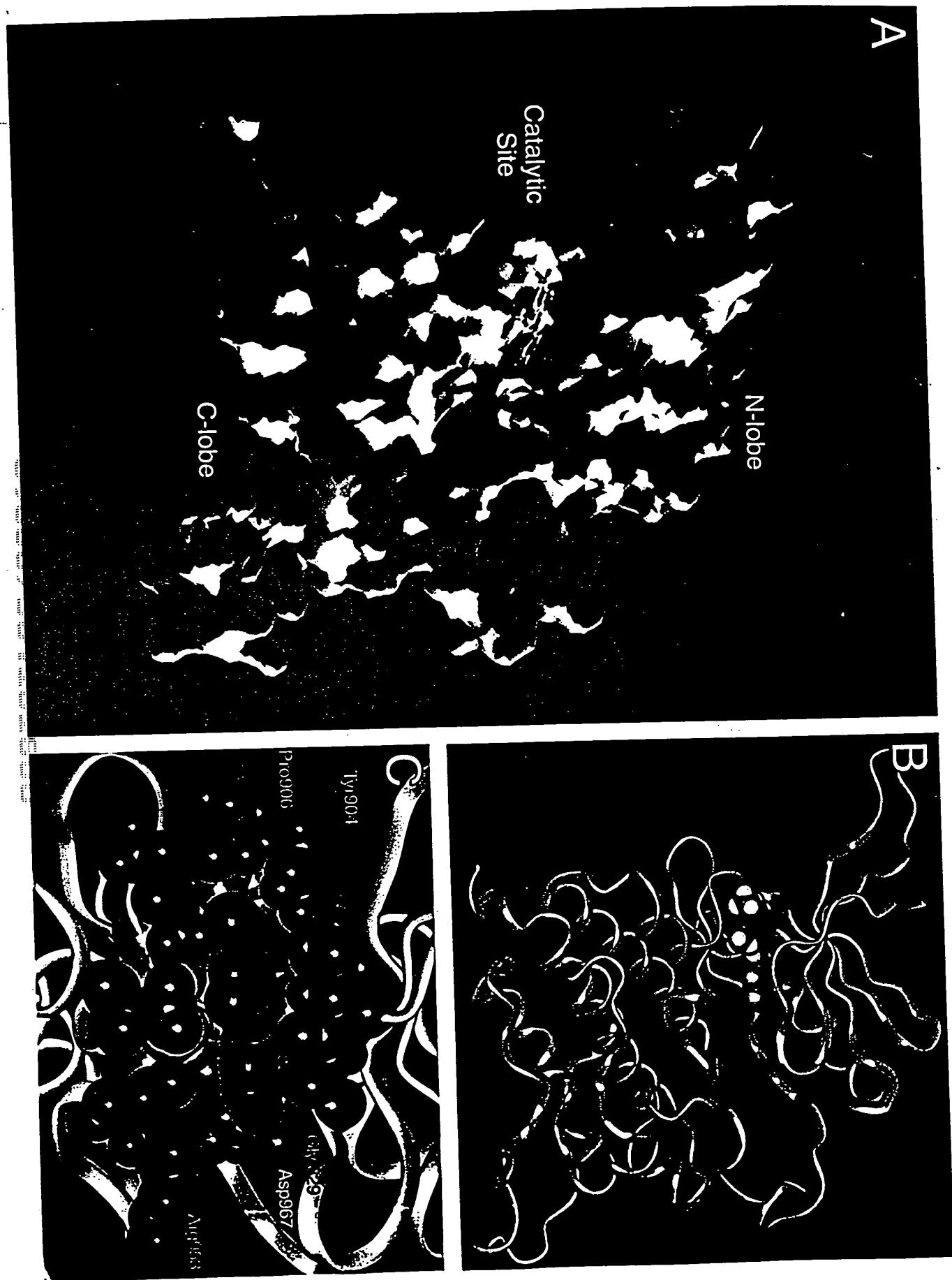


Figure 3

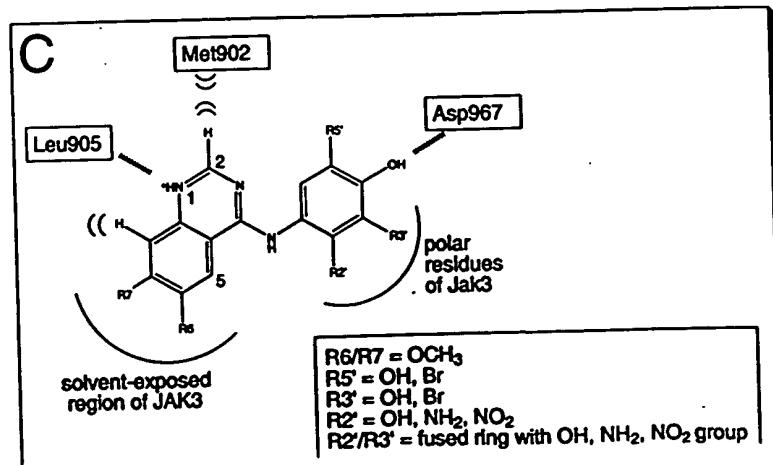
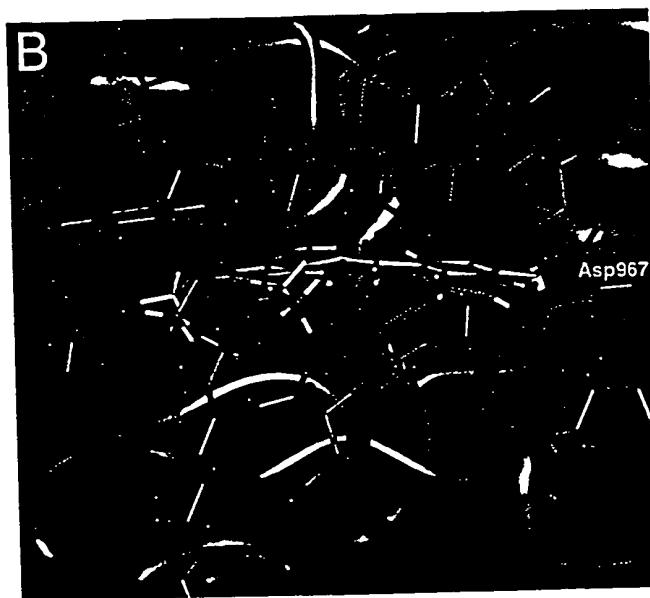
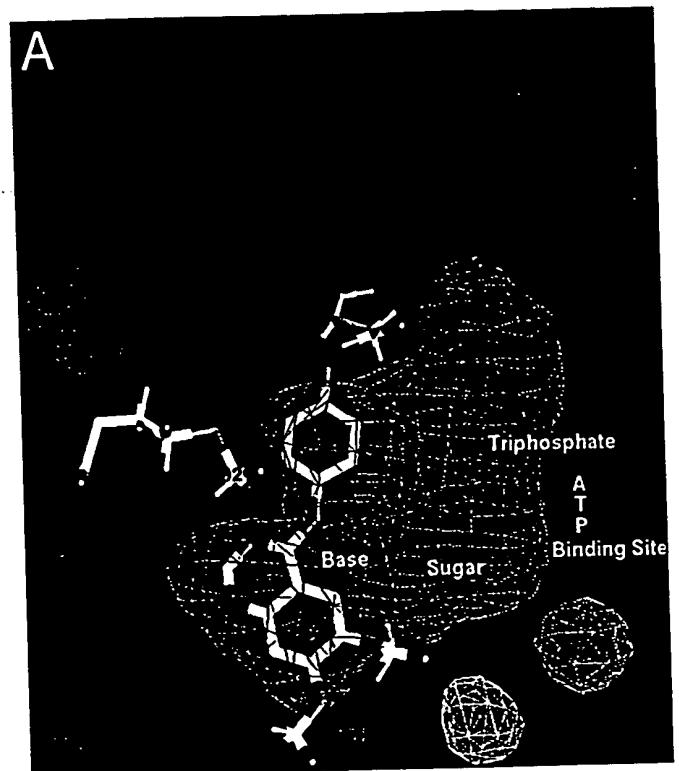
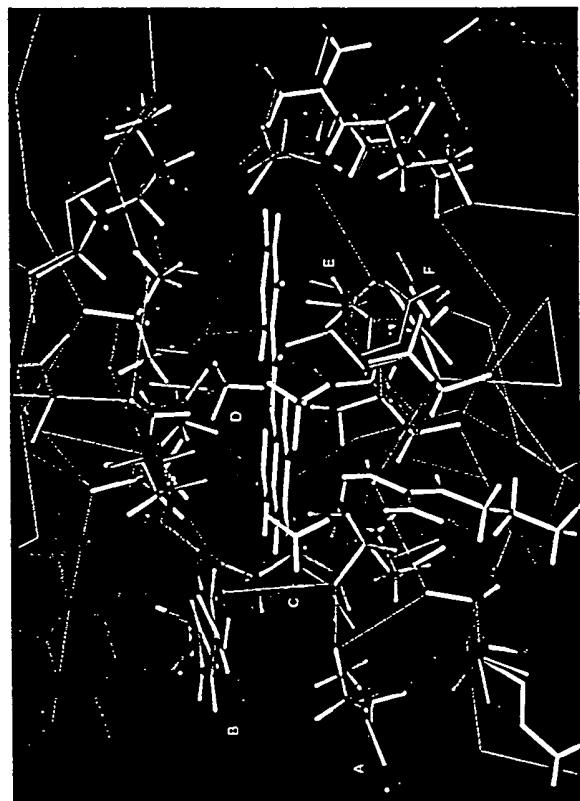
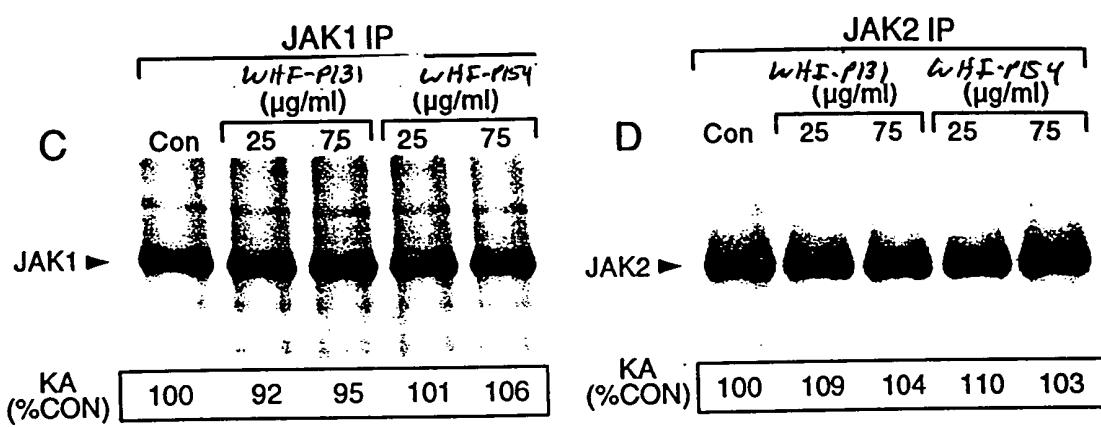
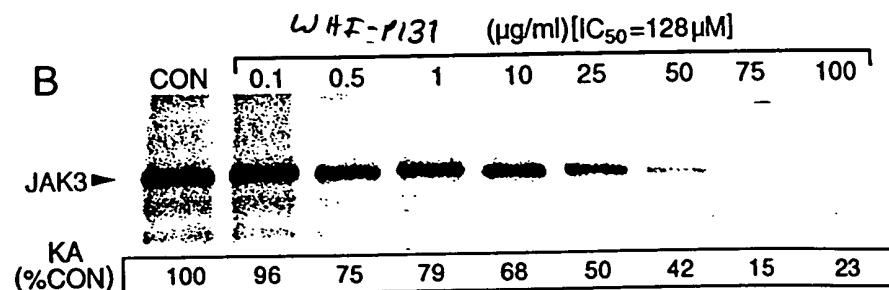
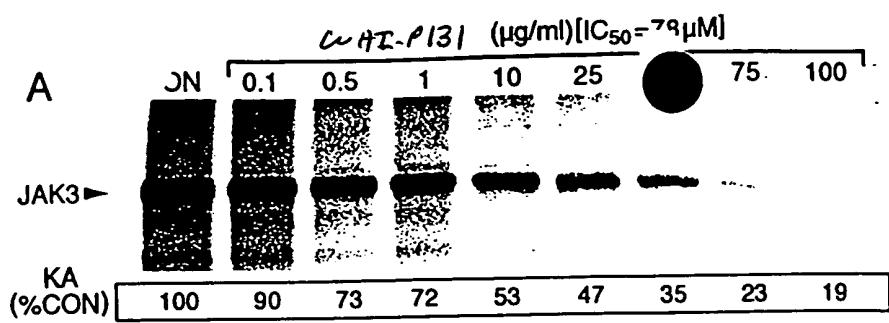


Figure 4

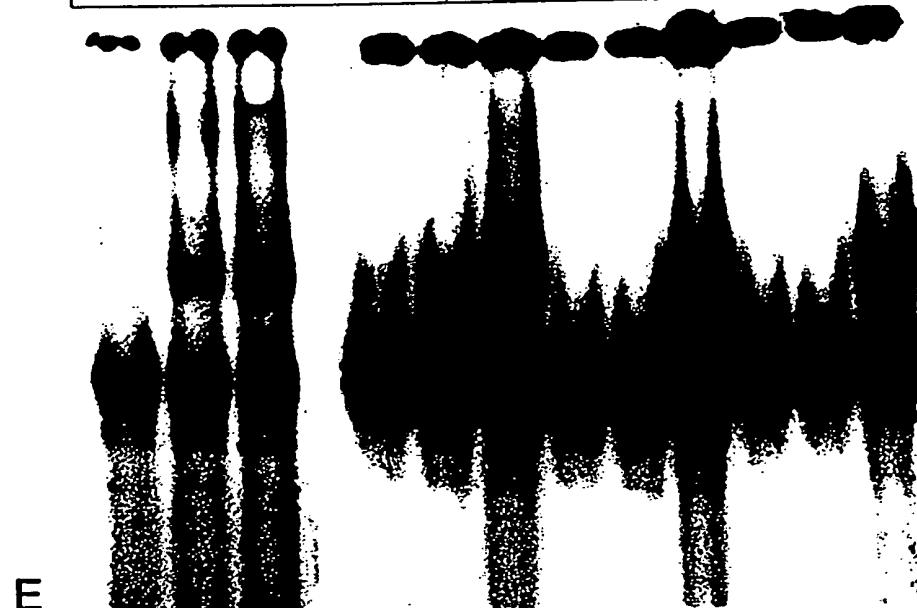


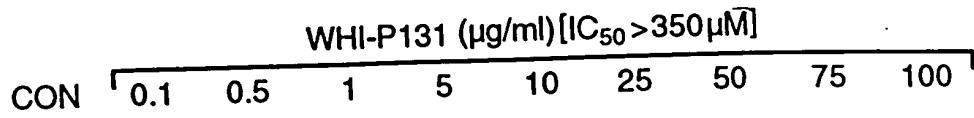
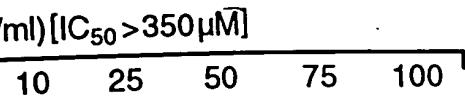
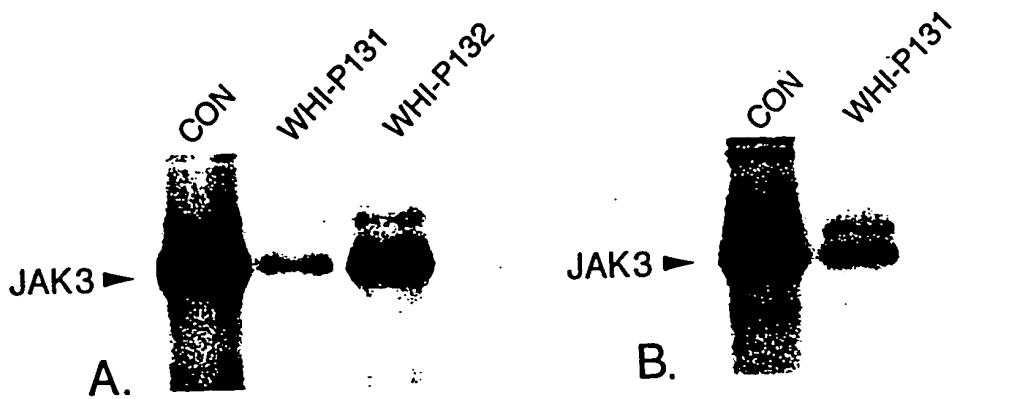
B

Protein Tyrosine Kinase	Residue at Region A	Residue at Region B	Residue at Region C	Residue at Region D	Residue at Region E	Residue at Region F
JAK3	Pro906	Tyr904	Leu905	Met902	Ala966	Asp912
JAK2	Pro933	Tyr931	Leu932	Met929	Gly933	Asp939
JAK1	Pro948	Phe946	Leu947	Met944	Gly1008	Glu954
BTK	Ala478	Tyr476	Met477	Thr474	Ser538	Asn484
SYK	Glu342	Met340	Ala341	Met338	Ser403	Lys348
HCK	Ala342	Phe340	Met341	Ala342	Ala403	Asp348
LYN	Ala323	Tyr321	Met322	Ala323	Ala384	Asp329
IRK	Ala1080	Leu1078	Met1079	Met1076	Gly1149	Ser1086

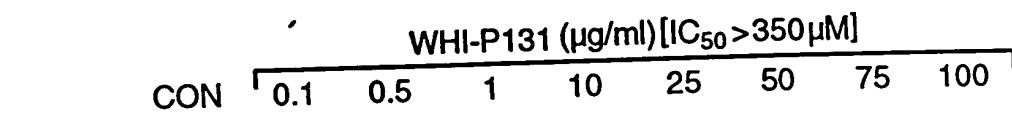


	WHA-P132	WHA-P131	WHA-P154	IL-2	IL-3	Lane
-	-	-	+	+	+	1
-	-	-	-	-	+	2
-	-	-	-	-	-	3
-	-	-	-	+	-	4
-	-	-	-	-	+	5
-	-	-	-	-	-	6
-	-	-	-	-	+	7
-	-	-	-	-	-	8
-	-	-	-	-	-	9
-	-	-	-	-	-	10
-	-	-	-	-	-	11
-	-	-	-	-	-	12

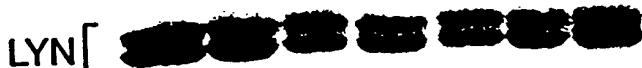
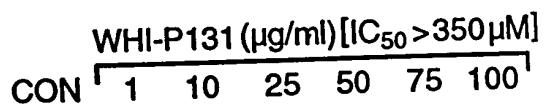




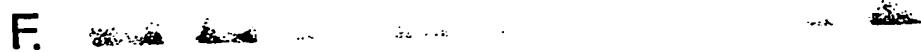
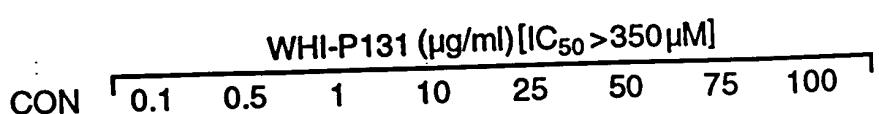
C.

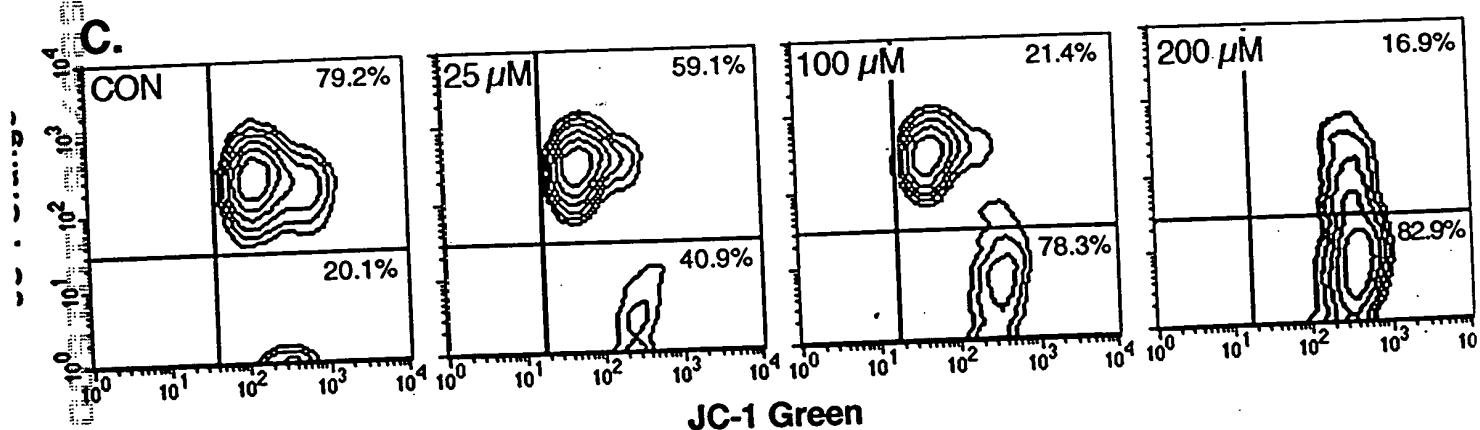
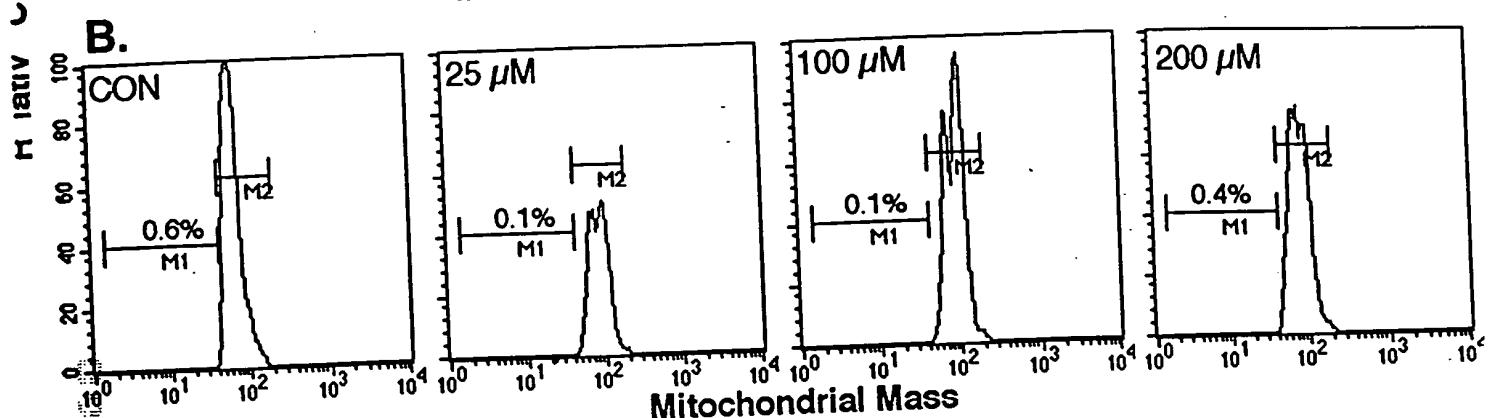
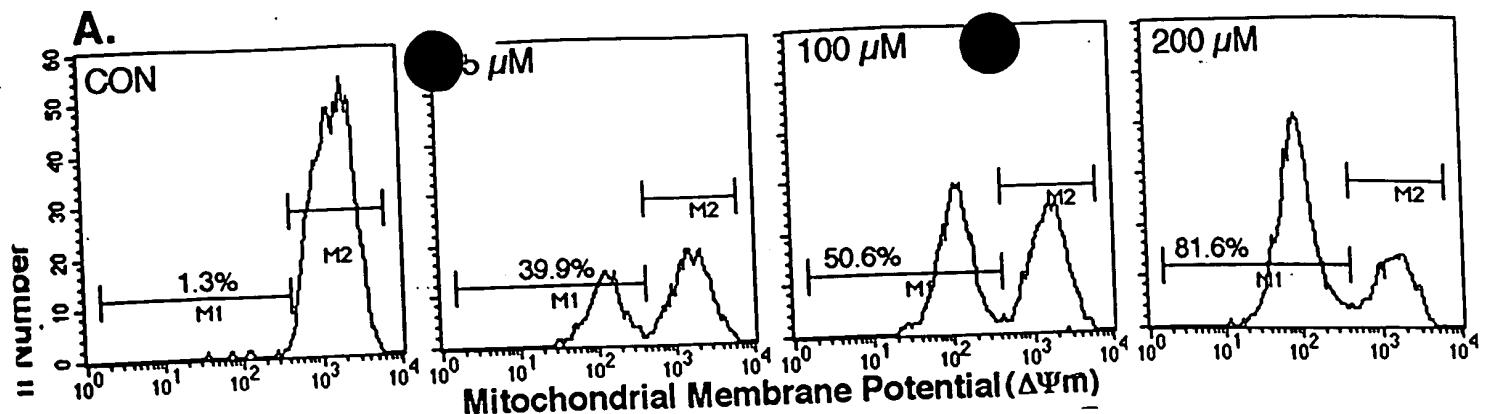


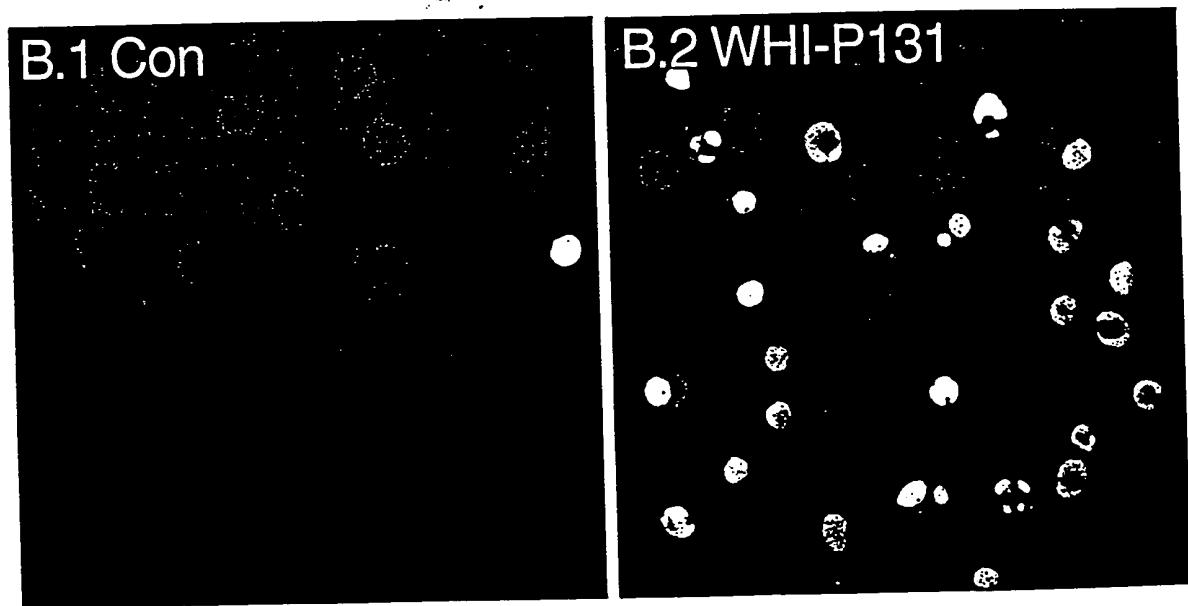
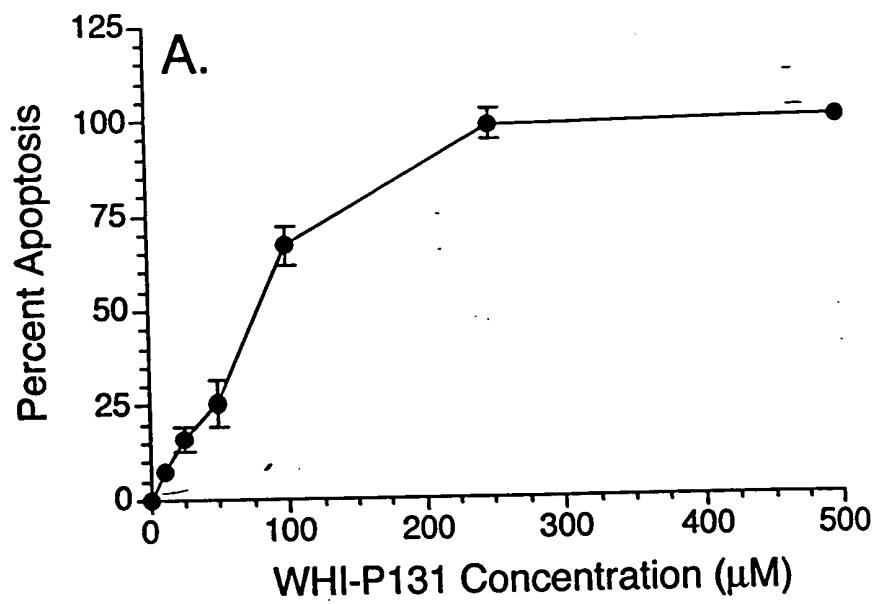
D.



E.

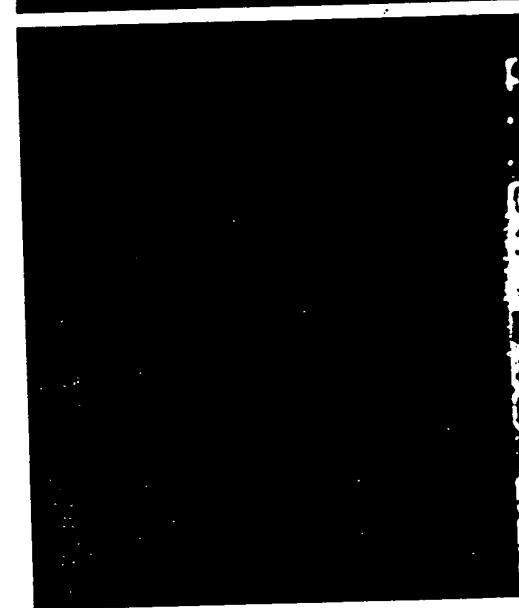
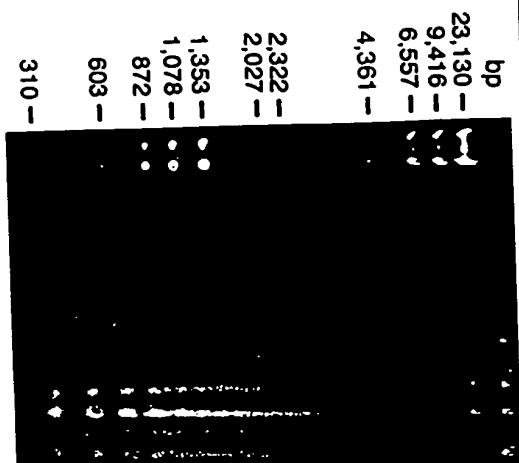




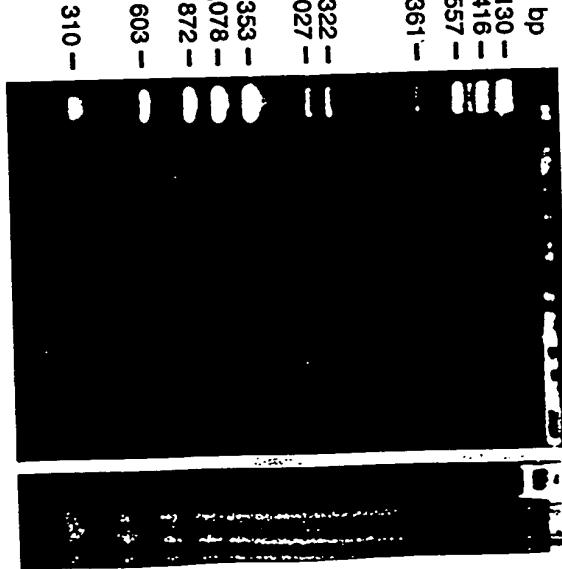


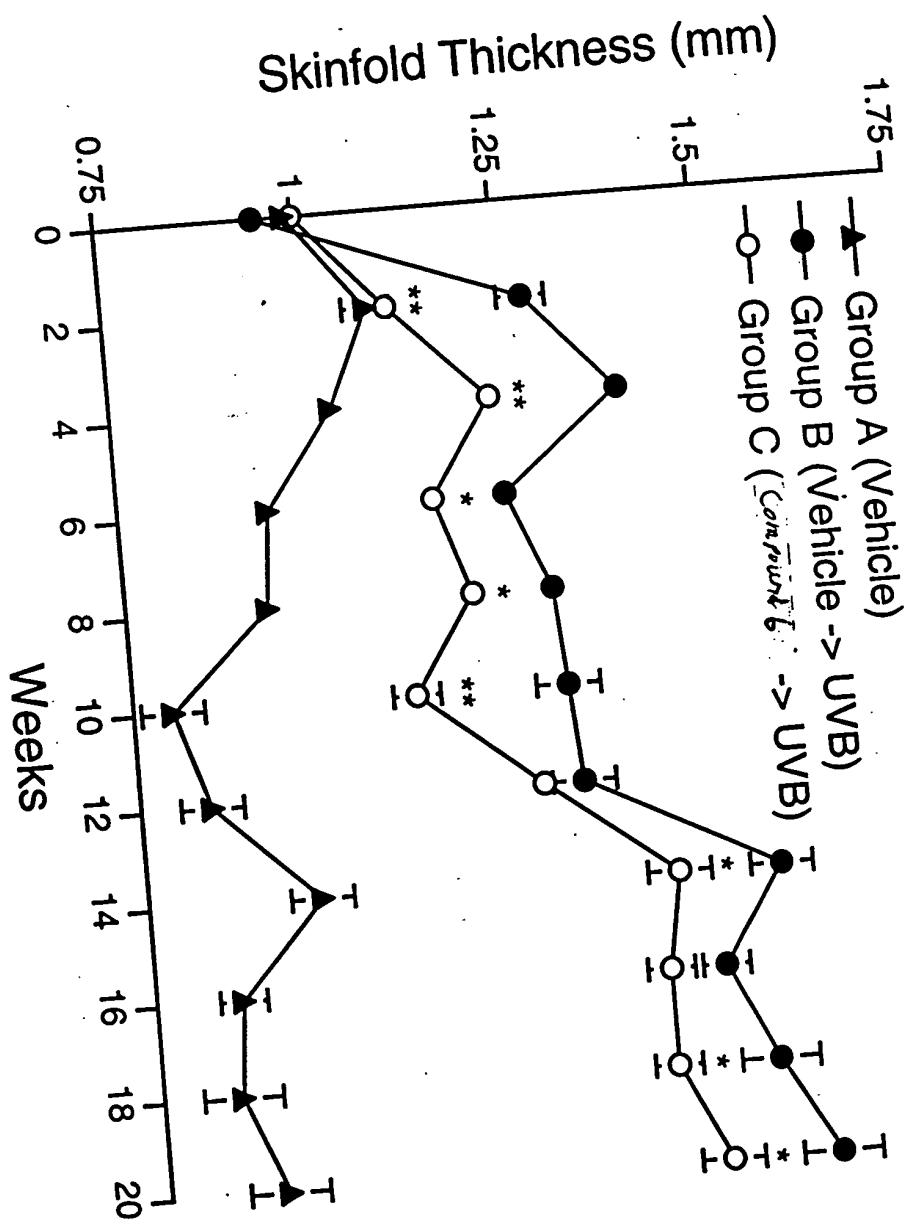
A

	M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Lane																						
WHI-P79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	3	
WHI-P132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	3	
WHI-P112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	3	
WHI-P111	-	-	-	-	-	-	-	-	-	-	0	1	3	-	-	-	-	-	-	-	-	
WHI-P131	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	
WHI-P258	-	0	1	3	10	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**B**

Lane	M	1	2	3	4	5	6	7	8	9	10
LCl:19	-	-	-	-	-	-	-	-	-	-	-
SQ203	-	-	-	-	-	+	+	+	+	-	-
M24-MET	-	-	+	+	+	-	-	-	-	-	-
WHI-P131	-	-	0	1	3	0	1	3	-	0	1





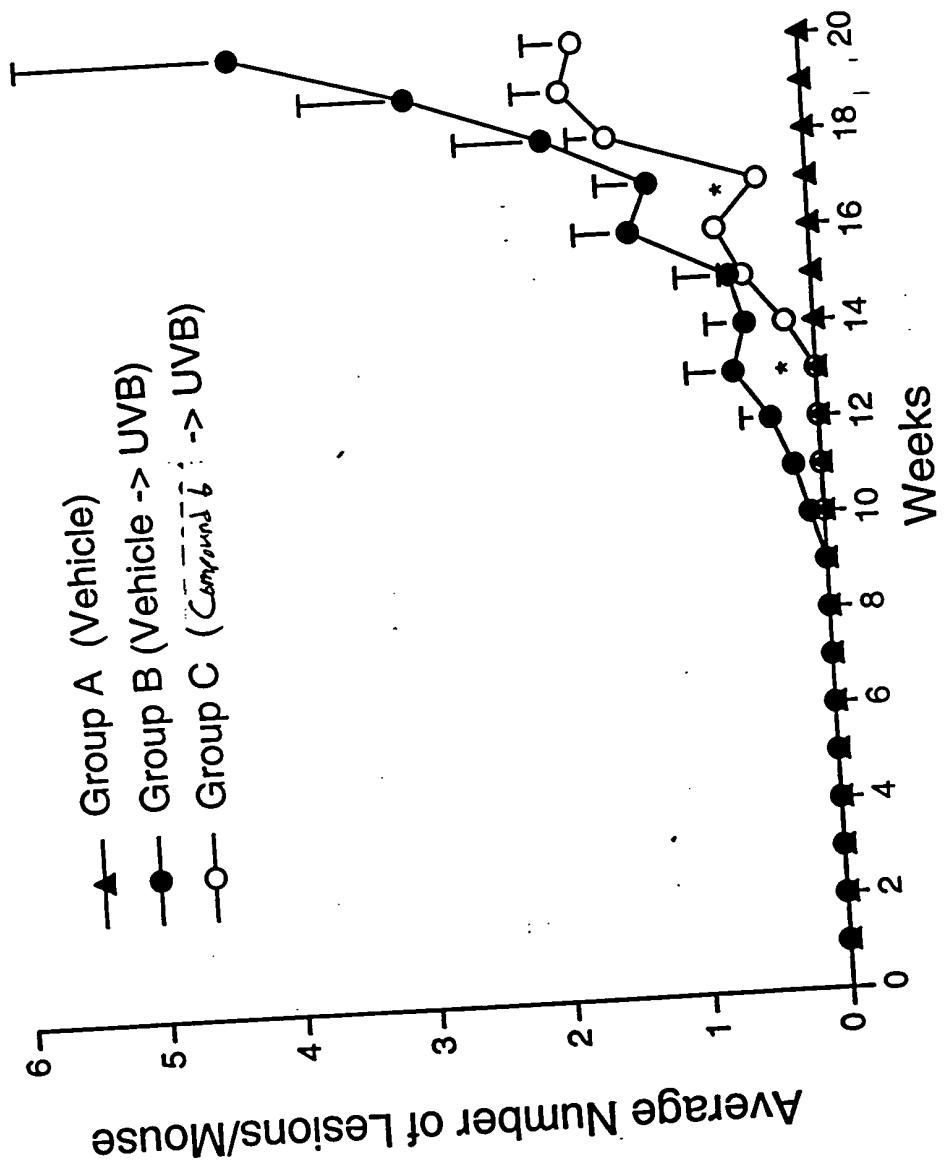


Figure 1C

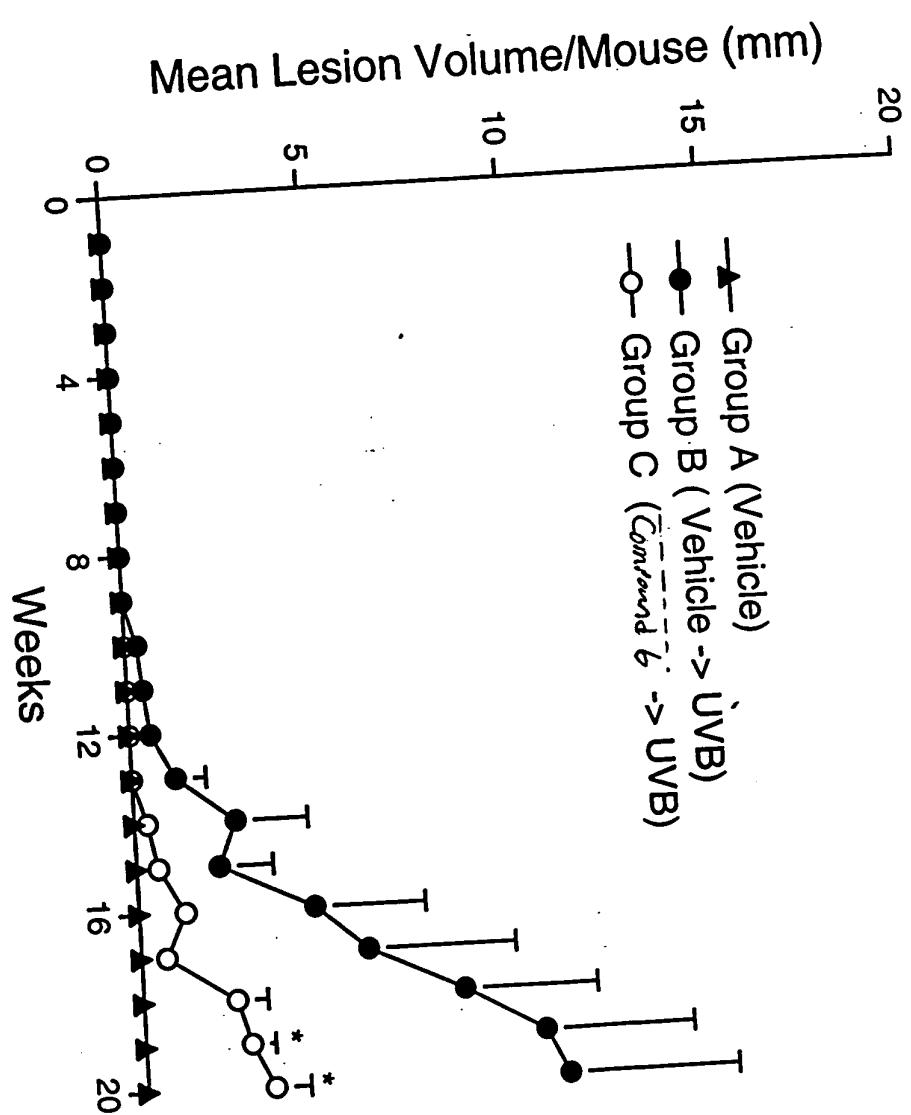
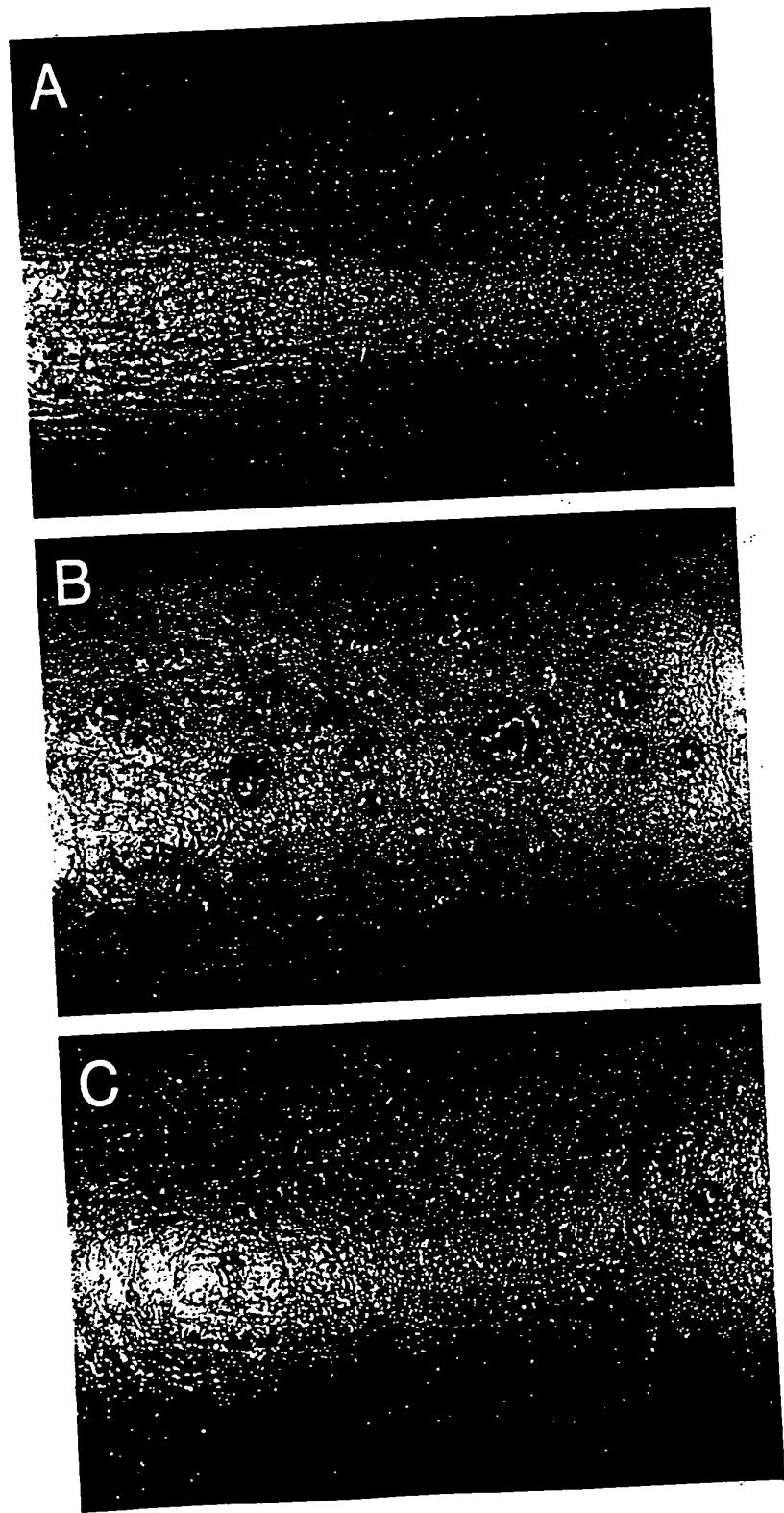
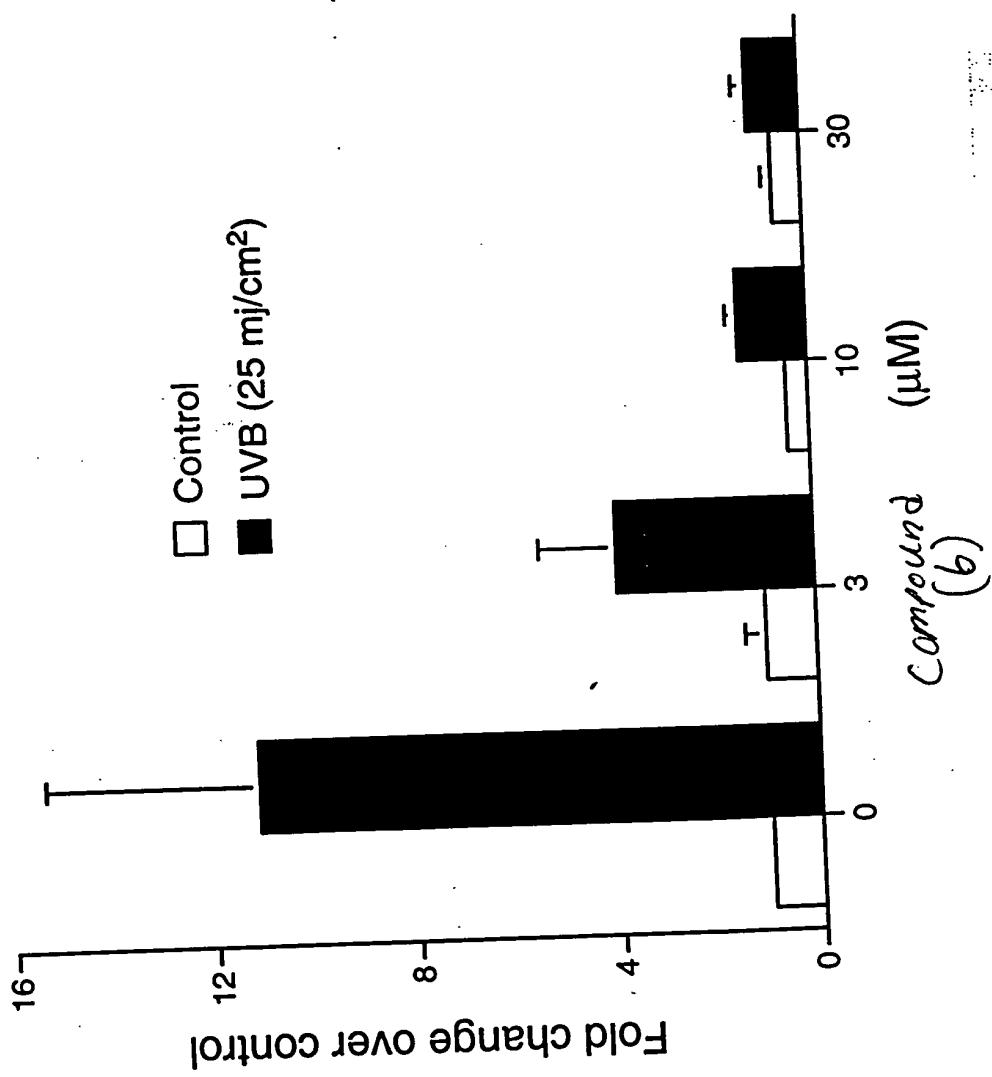


Figure 15

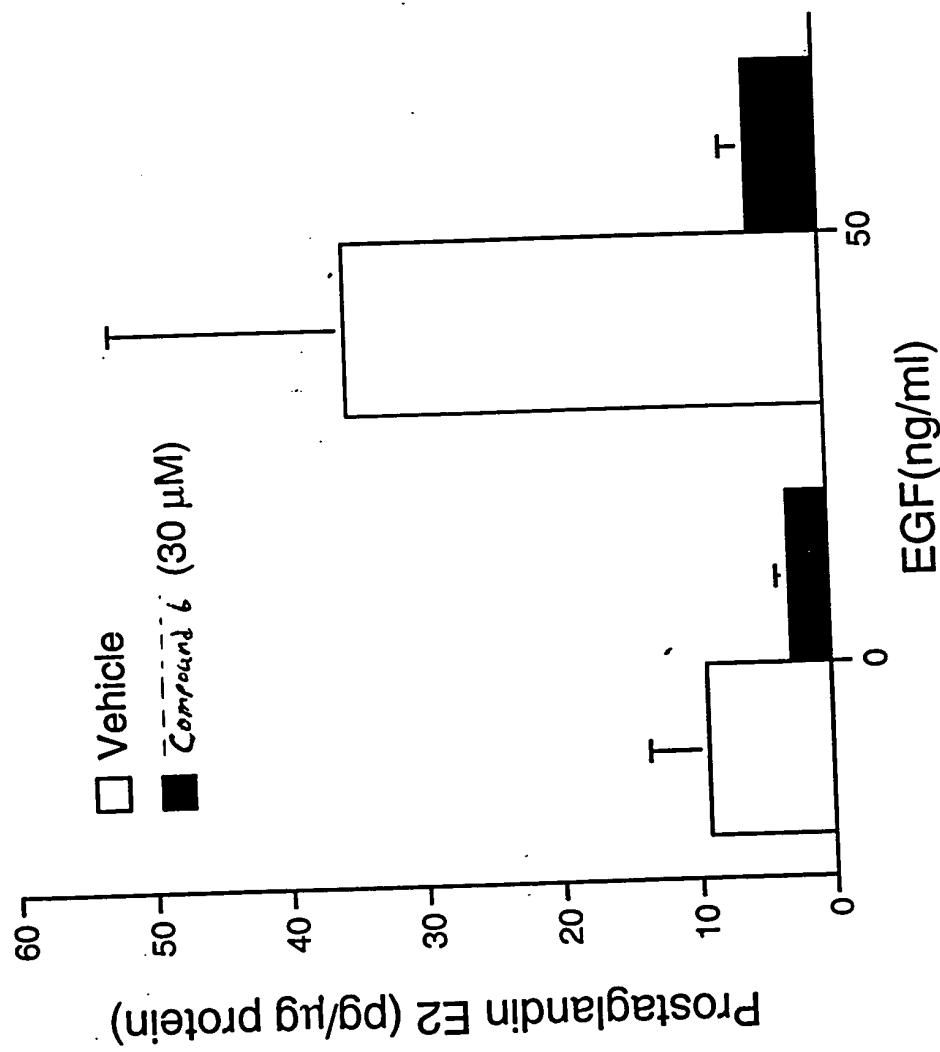


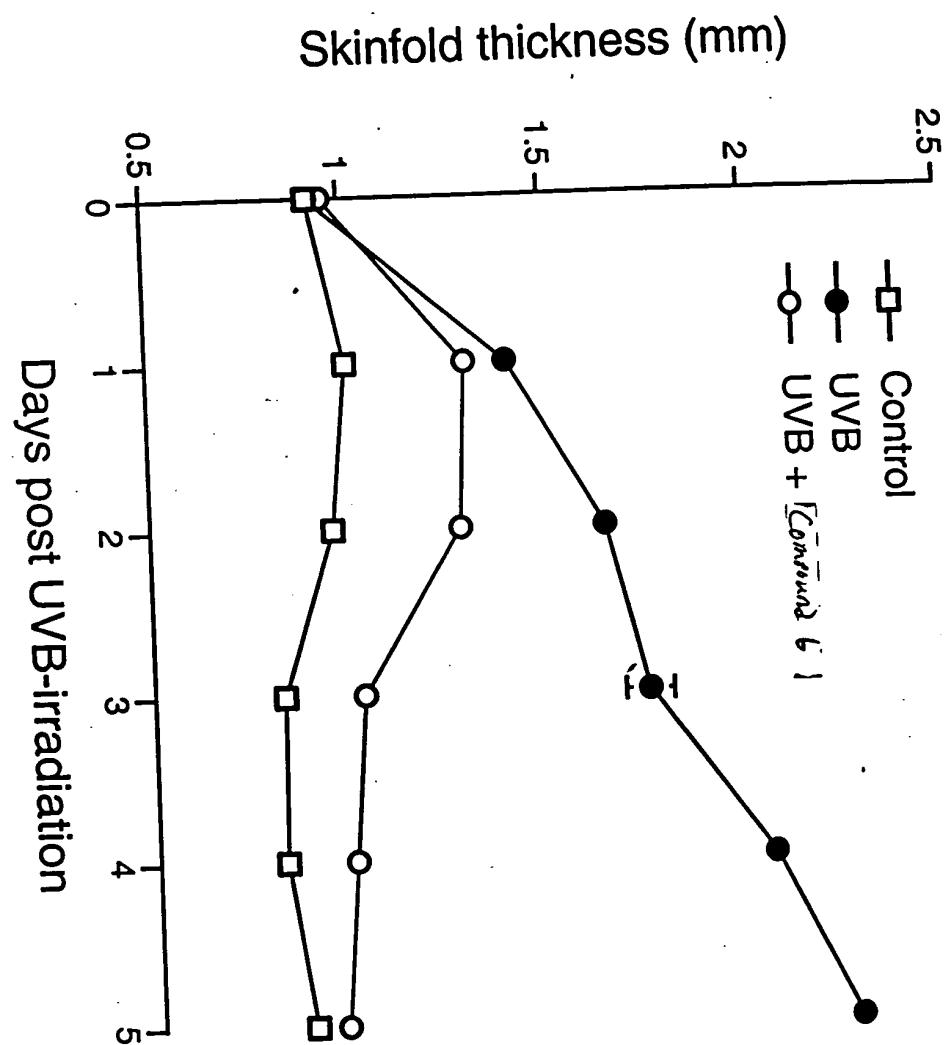
Li, 2001, 1

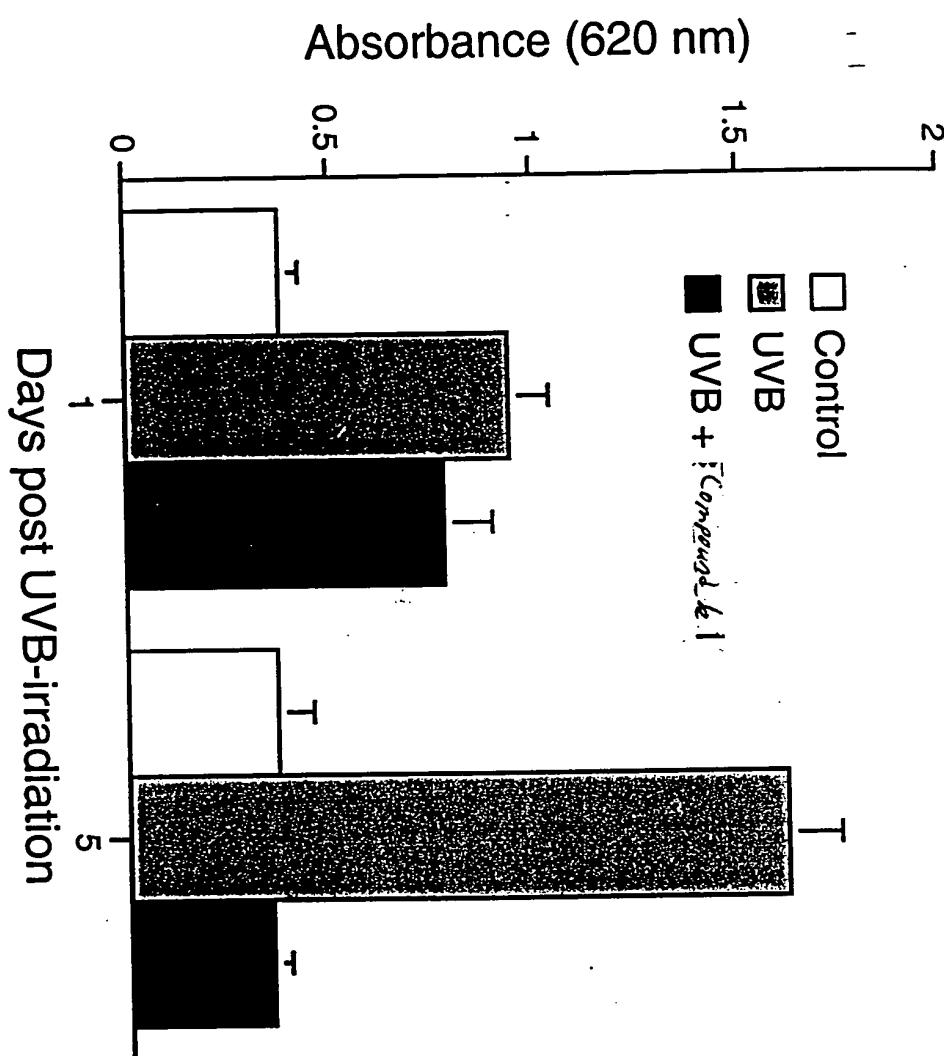


16

Figure 15

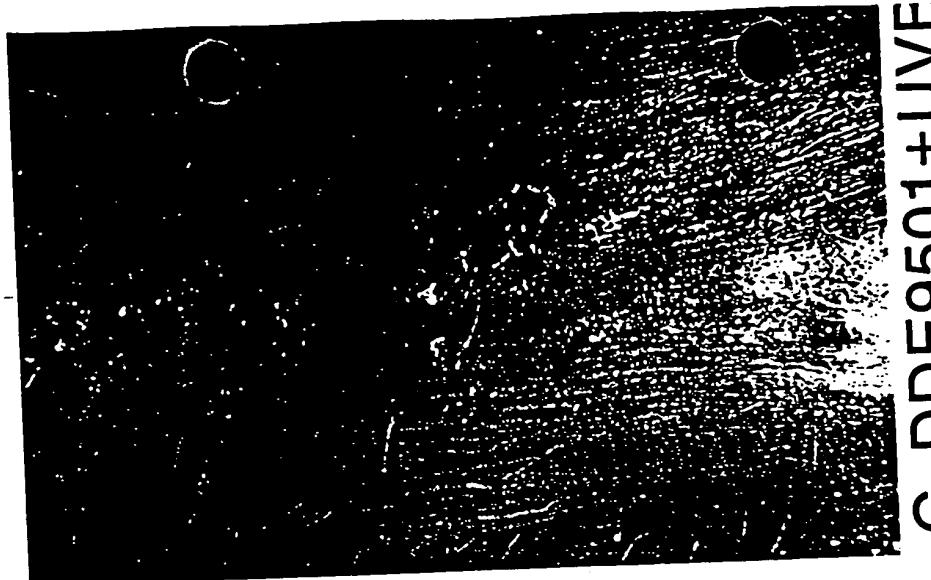






۶۰

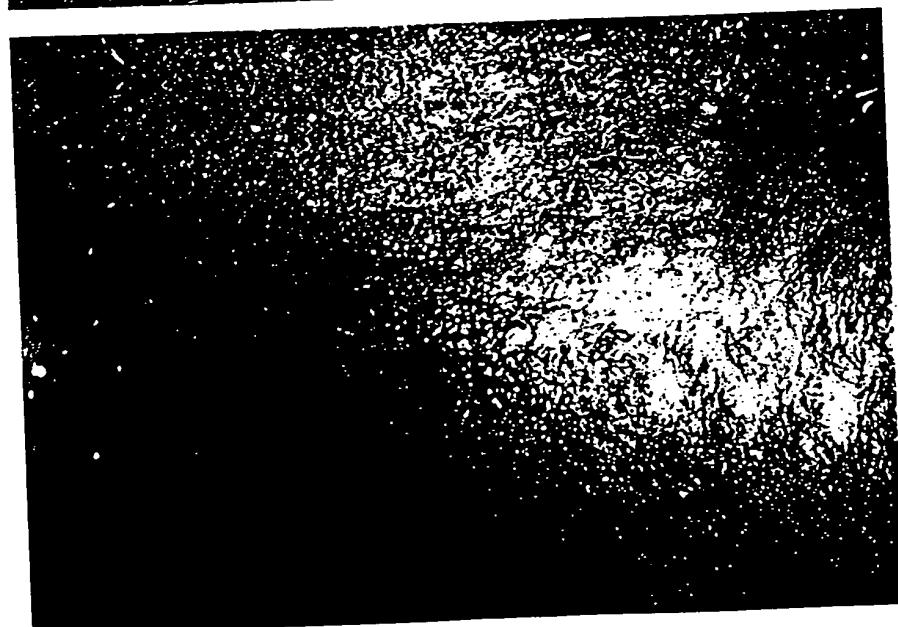
卷之三



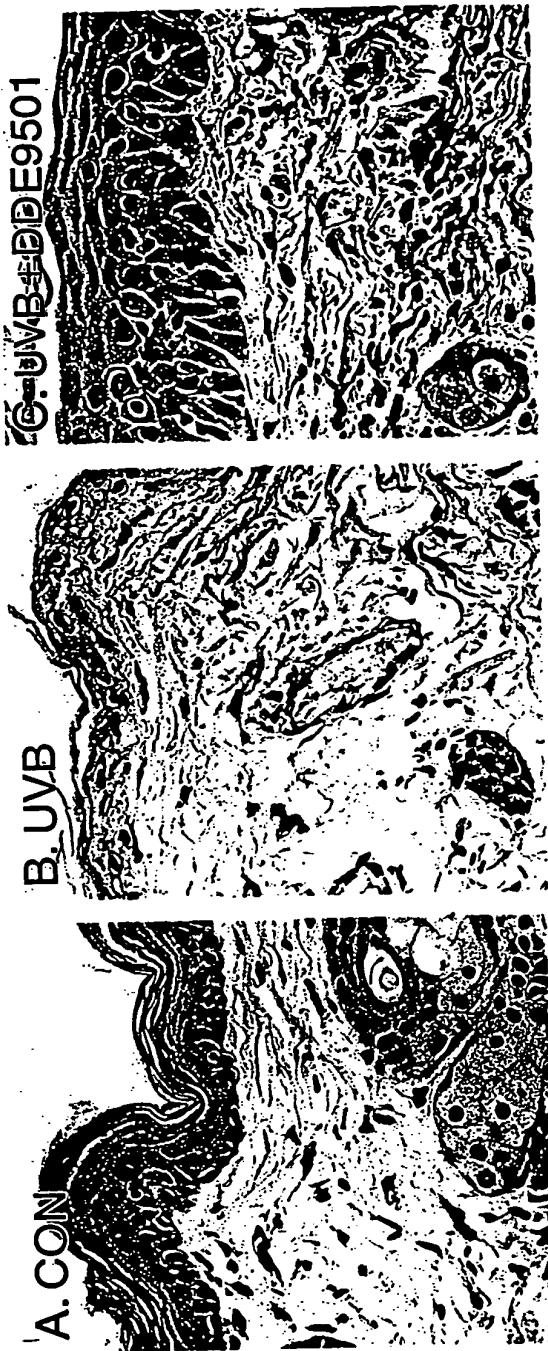
卷之三



B. UVB



A. Control



Control

UVB

UVB + DDE9501

Figure
21

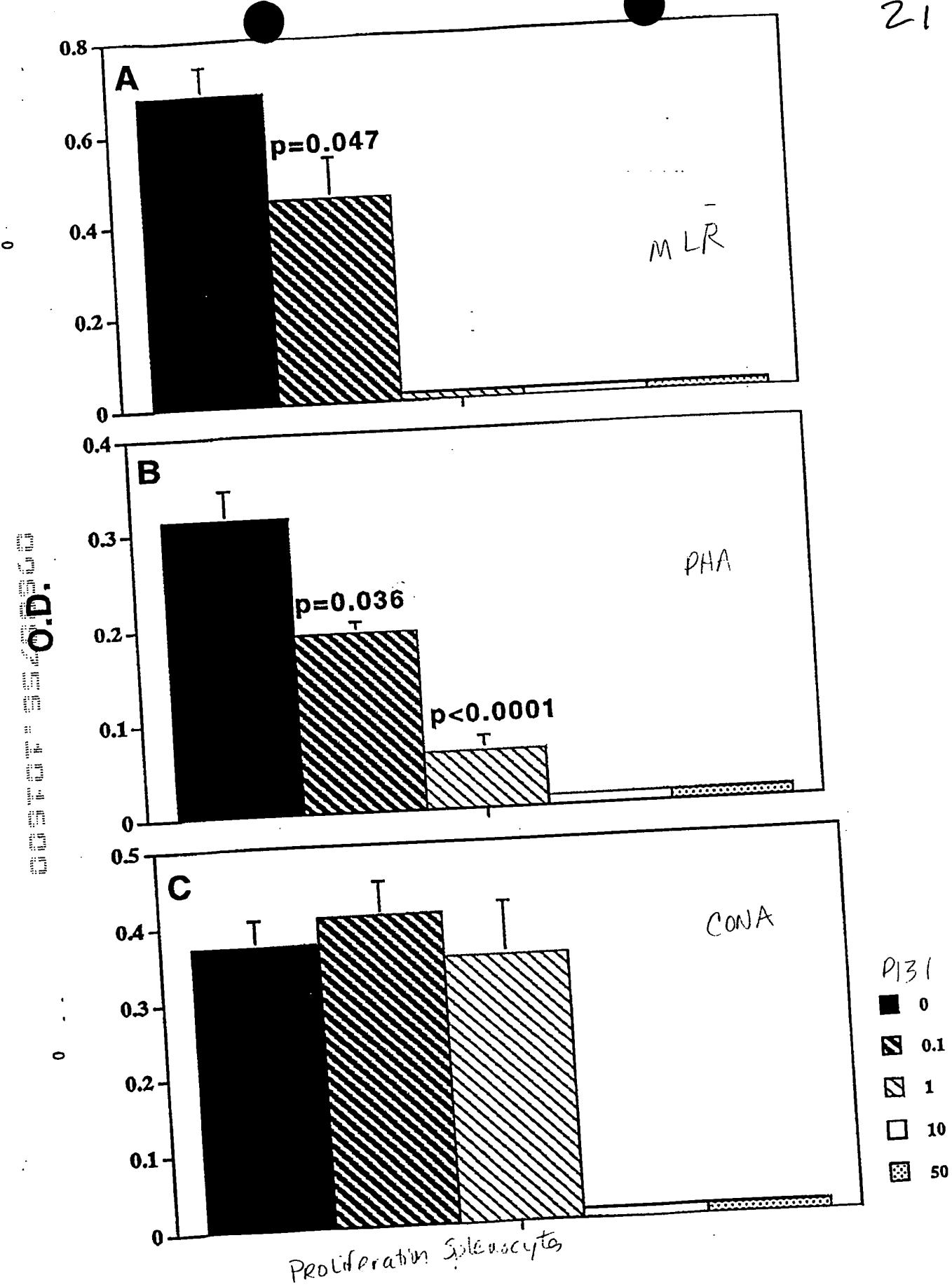
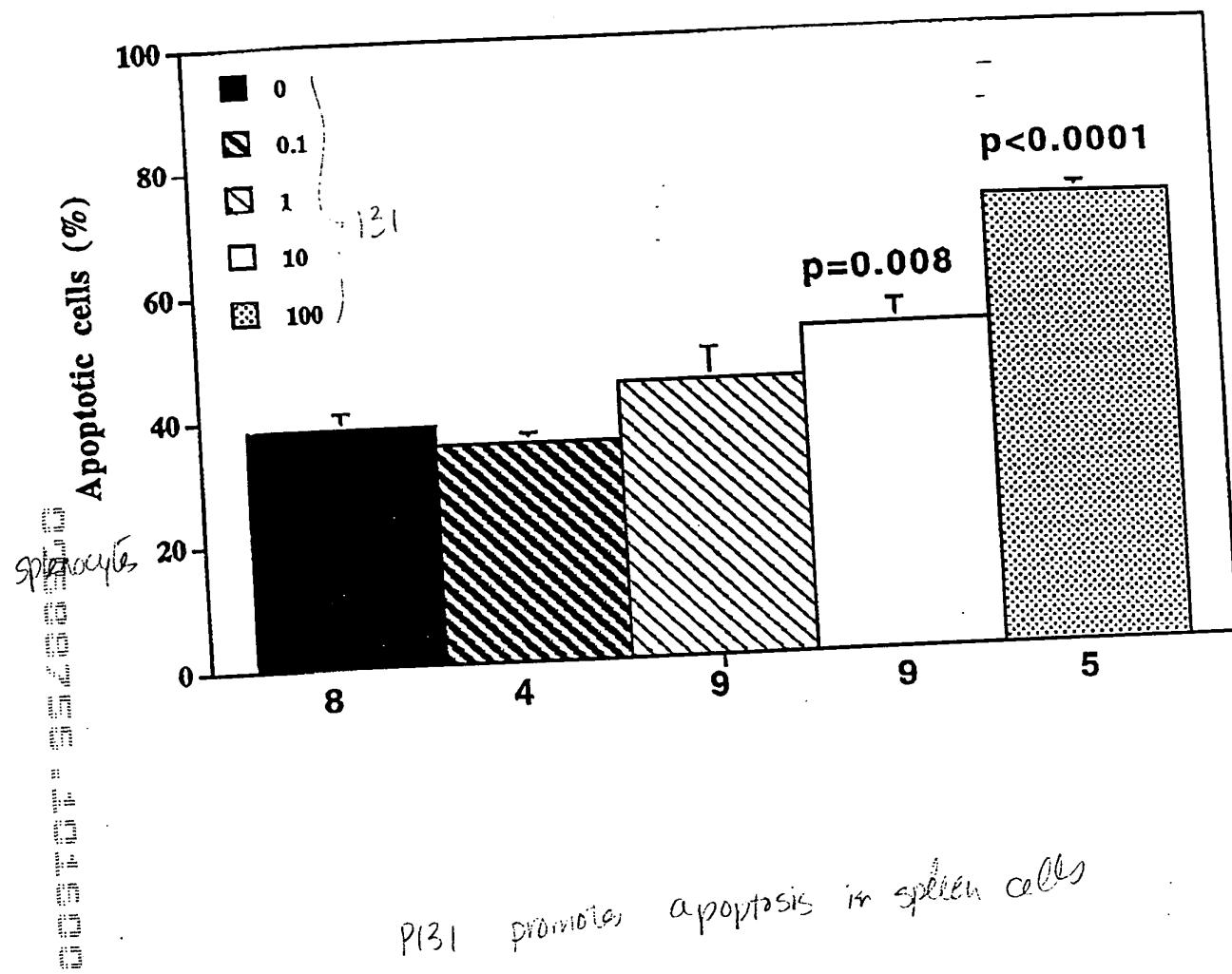
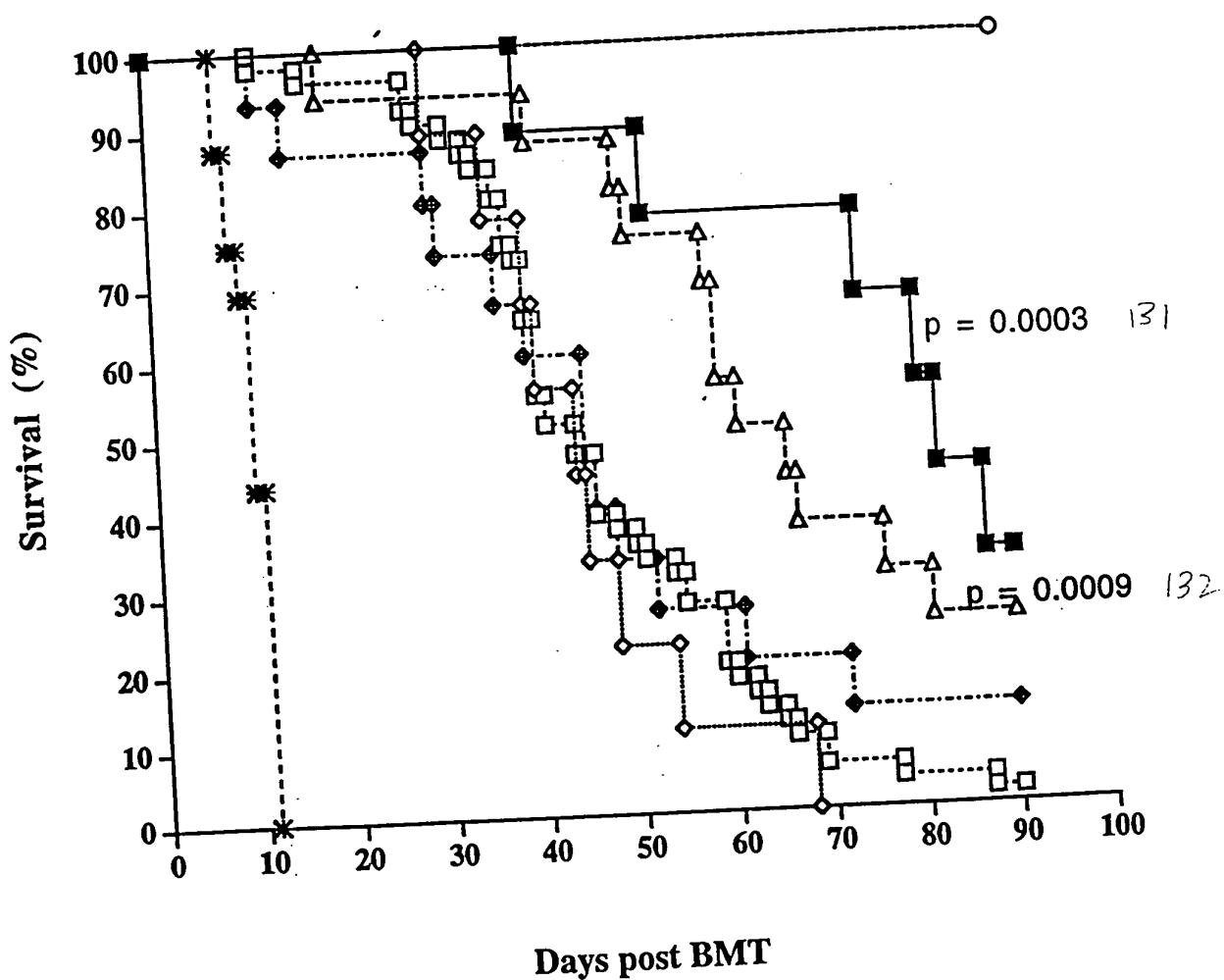
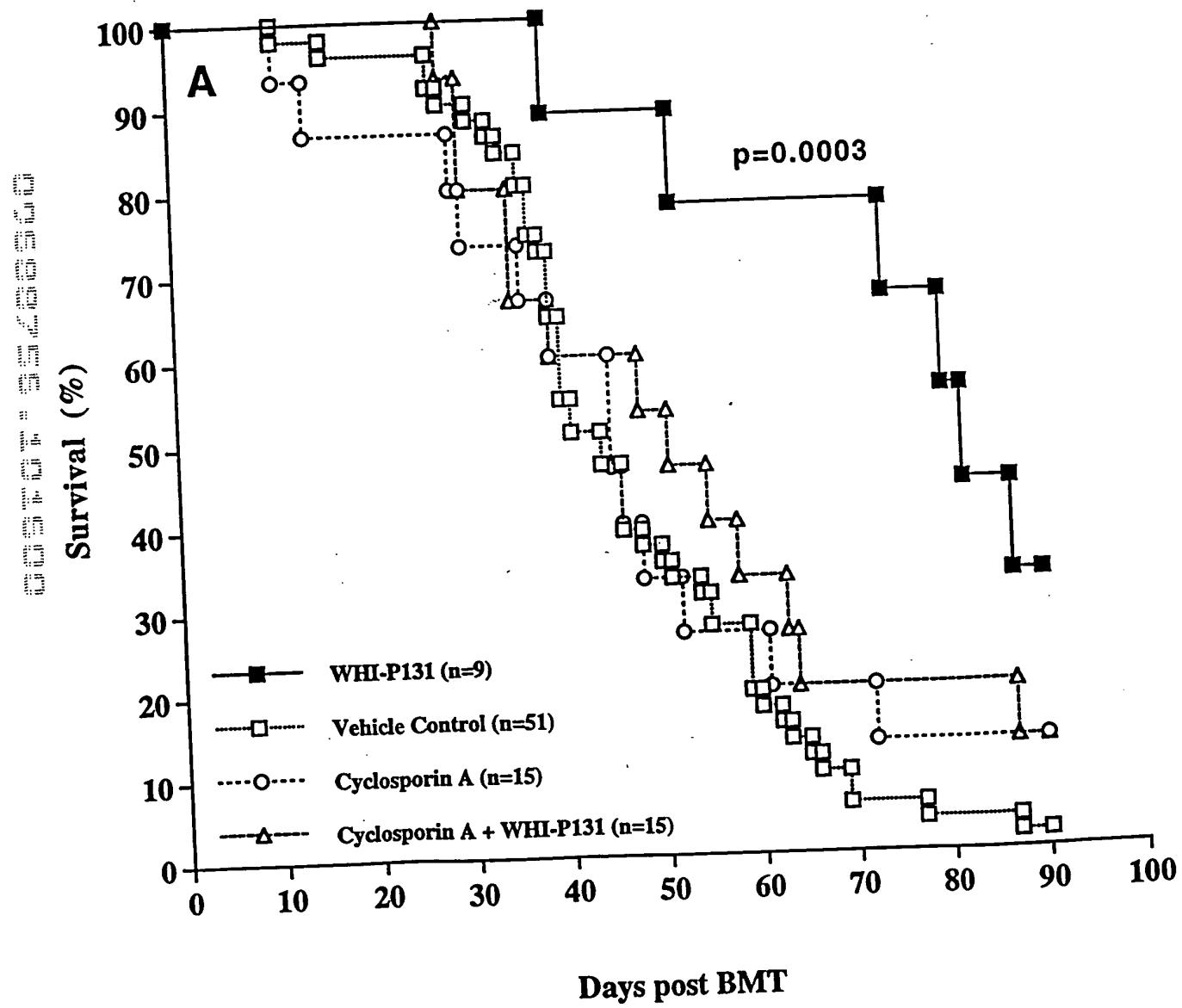


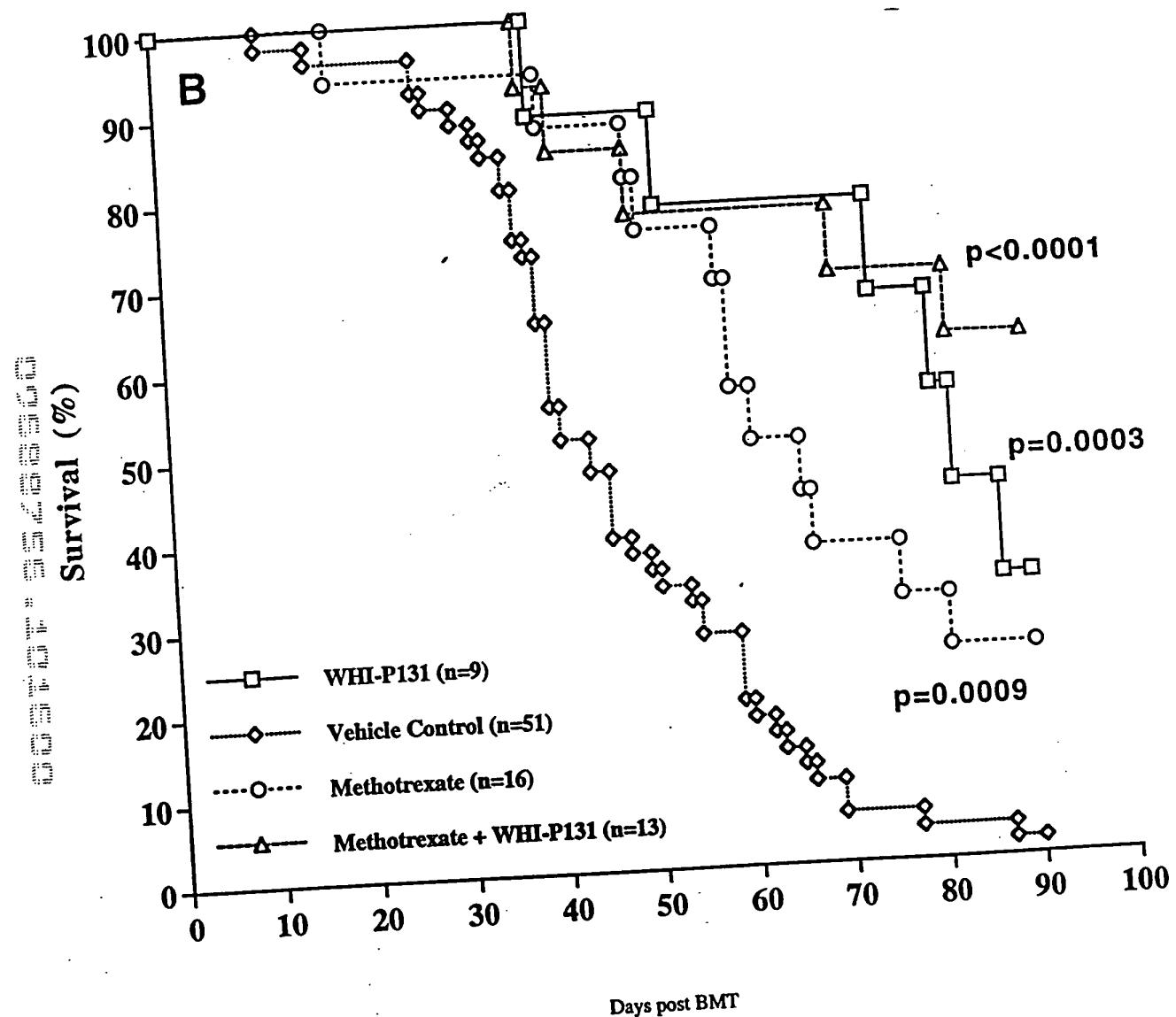
Figure 11



—■— WHI-P131 (n=9)
 —○— WHI-P132 (n=9)
 - - - □ - - Vehicle Control (n=51)
 —○— Syngeneic (n=19)
 - - * - - Irradiation Controls (n=)
 - - ◆ - - Cyclosporin A (n=15)
 - - △ - - Methotrexate (n=16)







WHI-P131 (60 mg/kg/day) - effects on GVHD development

Cumulative proportion surviving

<u>Group</u>	<u>n</u>	<u>3.0</u>	<u>6.0</u>	<u>9.0</u>	<u>median survival (d)</u>	<u>Logrank p value</u> vs. Control	<u>Logrank p value</u> vs. WHI-P
CONTROL	51	90.2 ± 4.2	17.6 ± 5.3	2.0 ± 1.9	4.4		
WHI-P131	9	100 ± 0	77.8 ± 13.9	33.3 ± 15.7	8.2	0.0003	
WHI-P132	9	88.9 ± 10.5	11.1 ± 10.5	0 ± 0	4.4	0.485	
Methotrexate	16	93.8 ± 6.1	56.2 ± 12.4	25.0 ± 10.8	63.5	0.0009	0.356
Methotrexate + WHI-P131	13	100 ± 0	76.9 ± 11.7	61.5 ± 13.5	8.7	<0.0001	0.320
Cyclosporine A	15	73.3 ± 11.4	26.7 ± 11.4	13.3 ± 8.8	4.5	0.493	0.029
Cyclosporine A + WHI-P131	15	80.0 ± 10.3	33.3 ± 12.2	20.0 ± 10.3	5.1	0.198	0.062

Methotrexate vs.

Methotrexate + WHI-P131

0.062

20

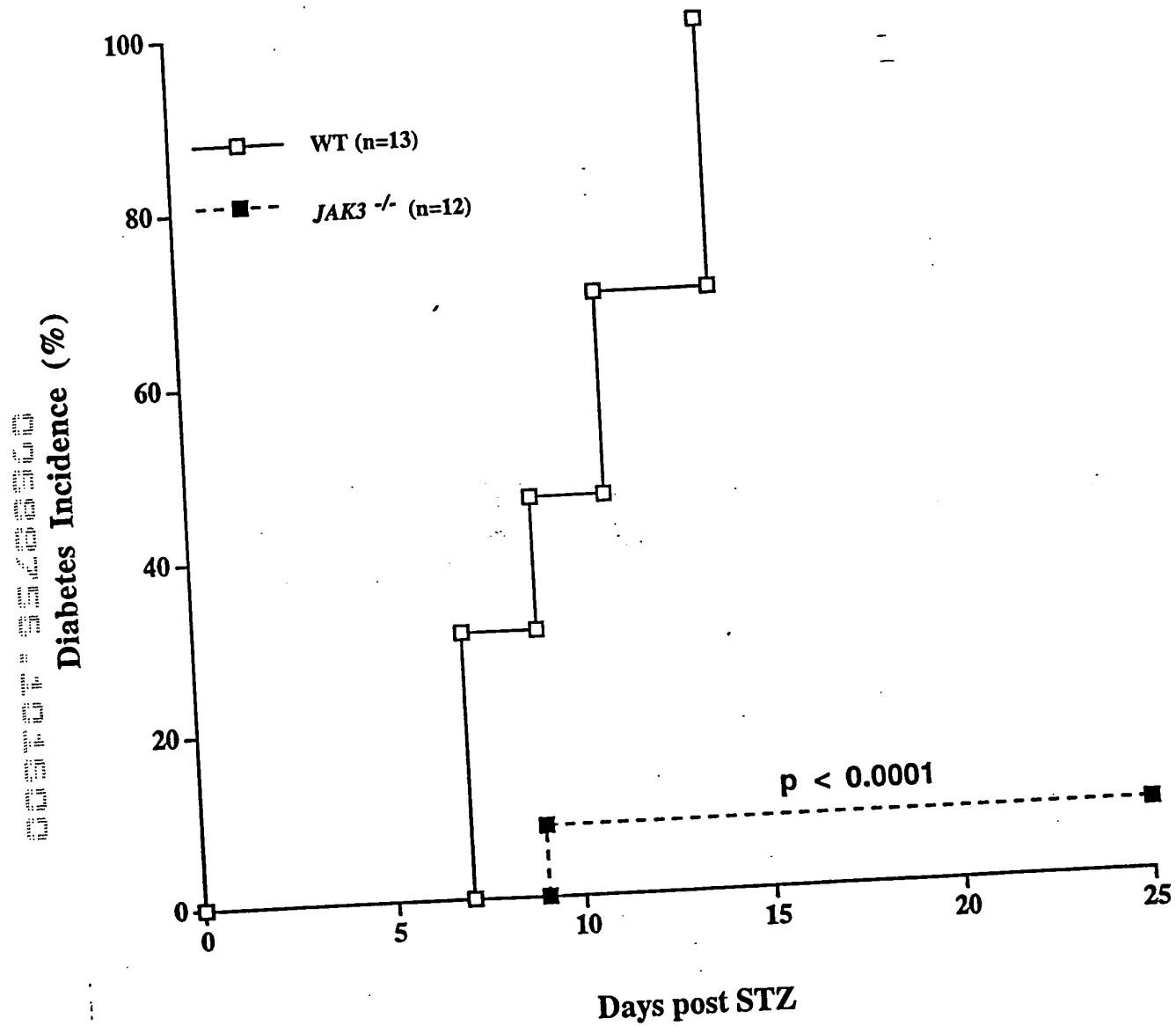
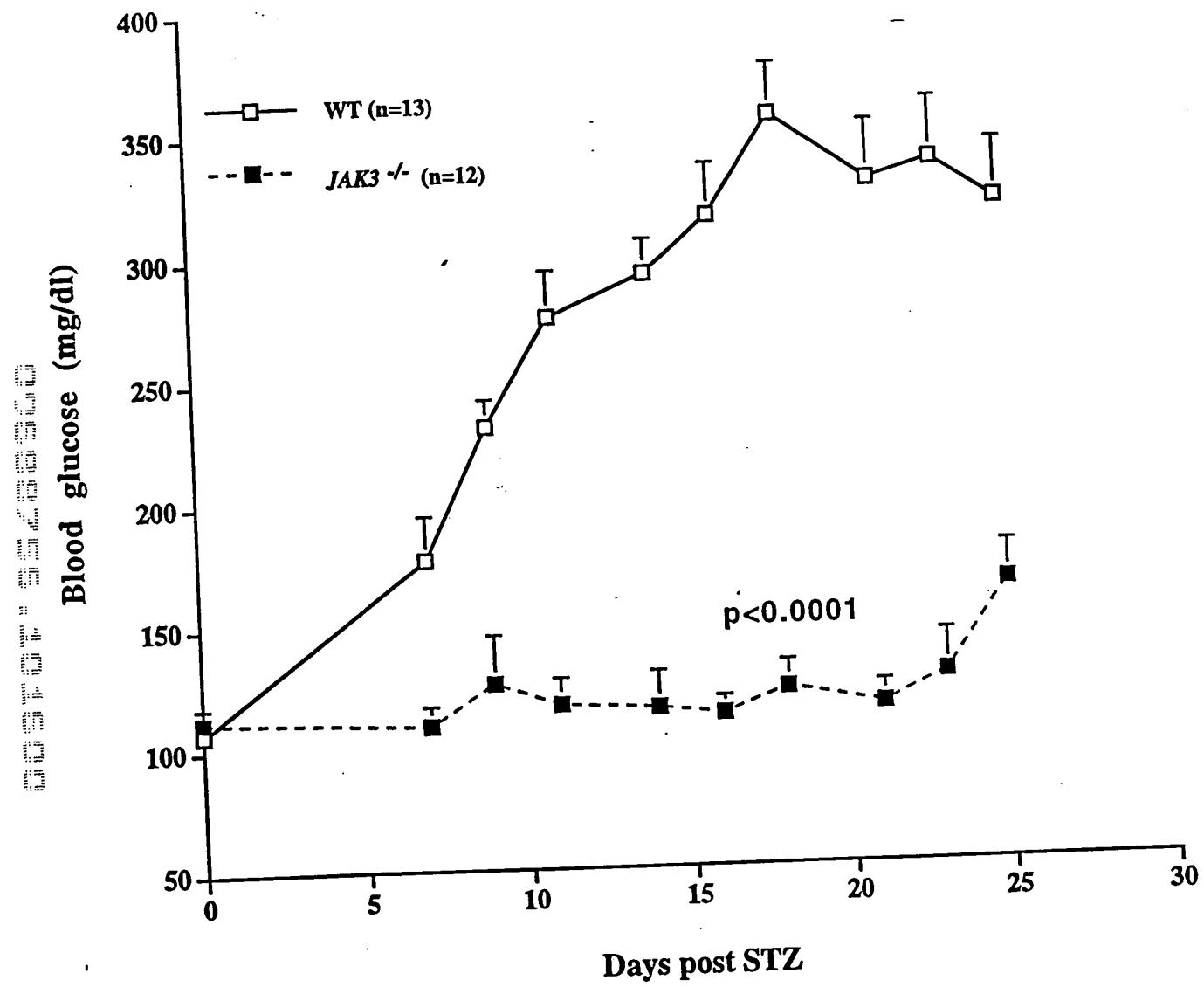


Figure 28



28

Figure 29

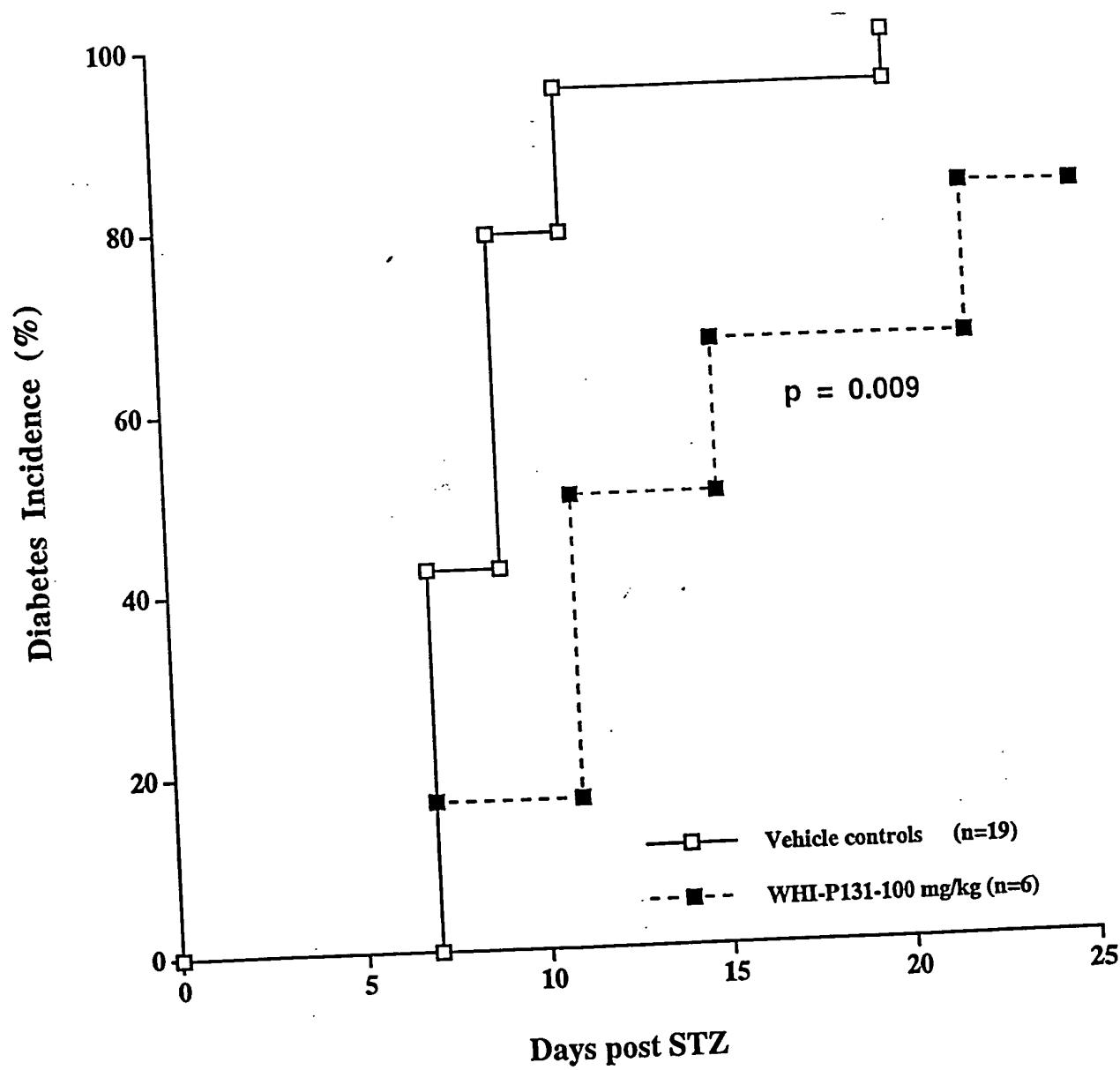
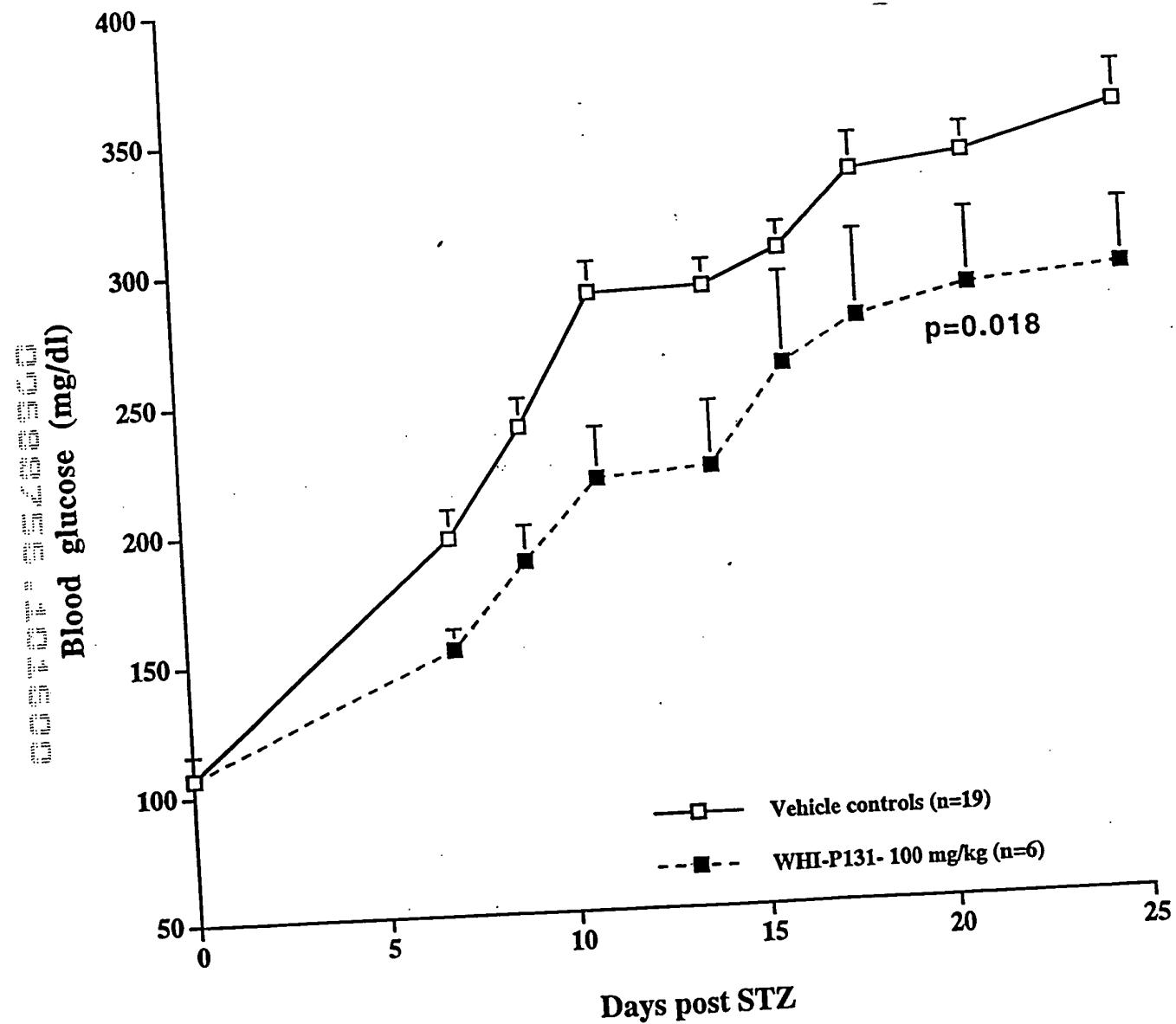


Figure 50



30

Figure 31

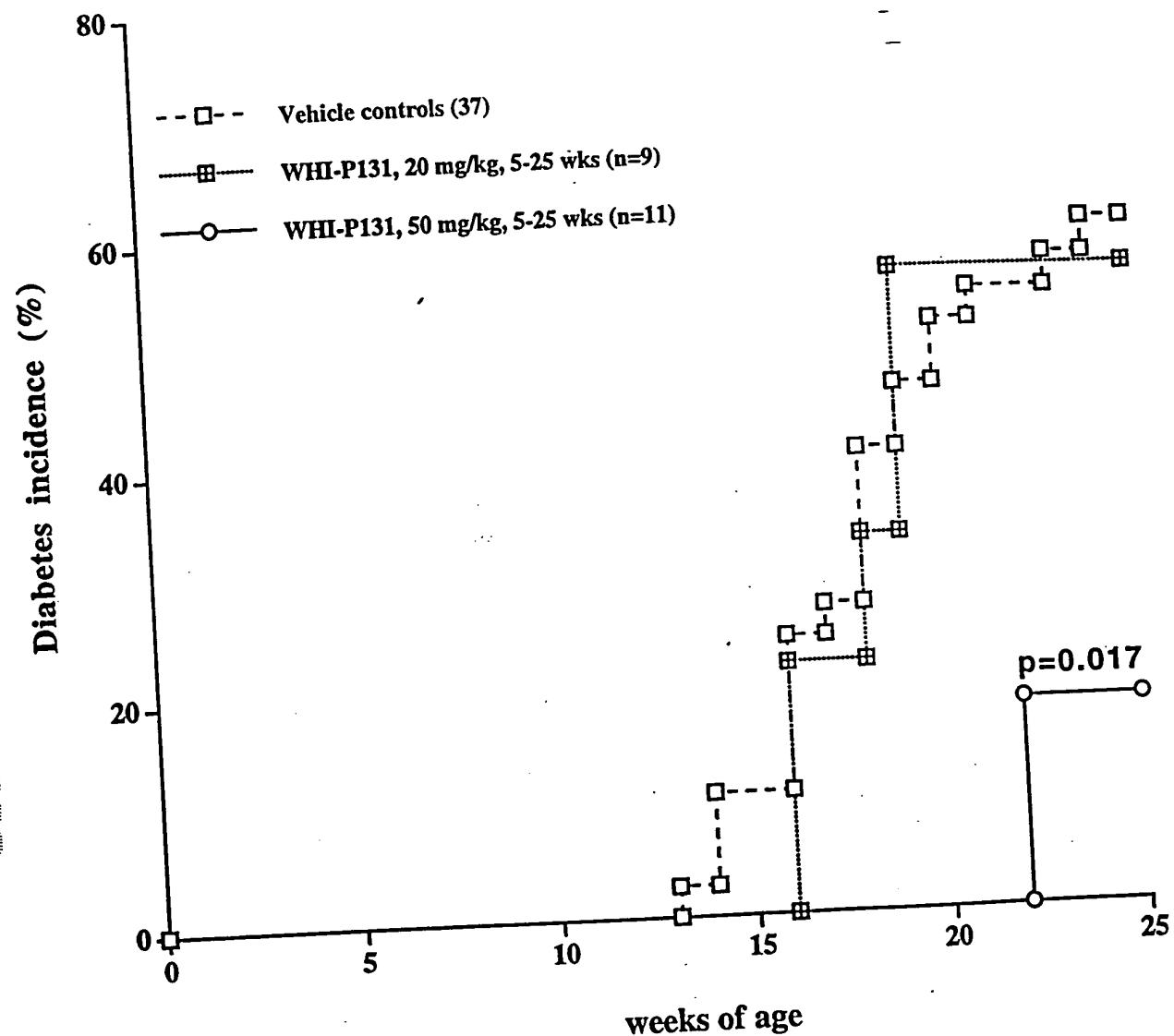
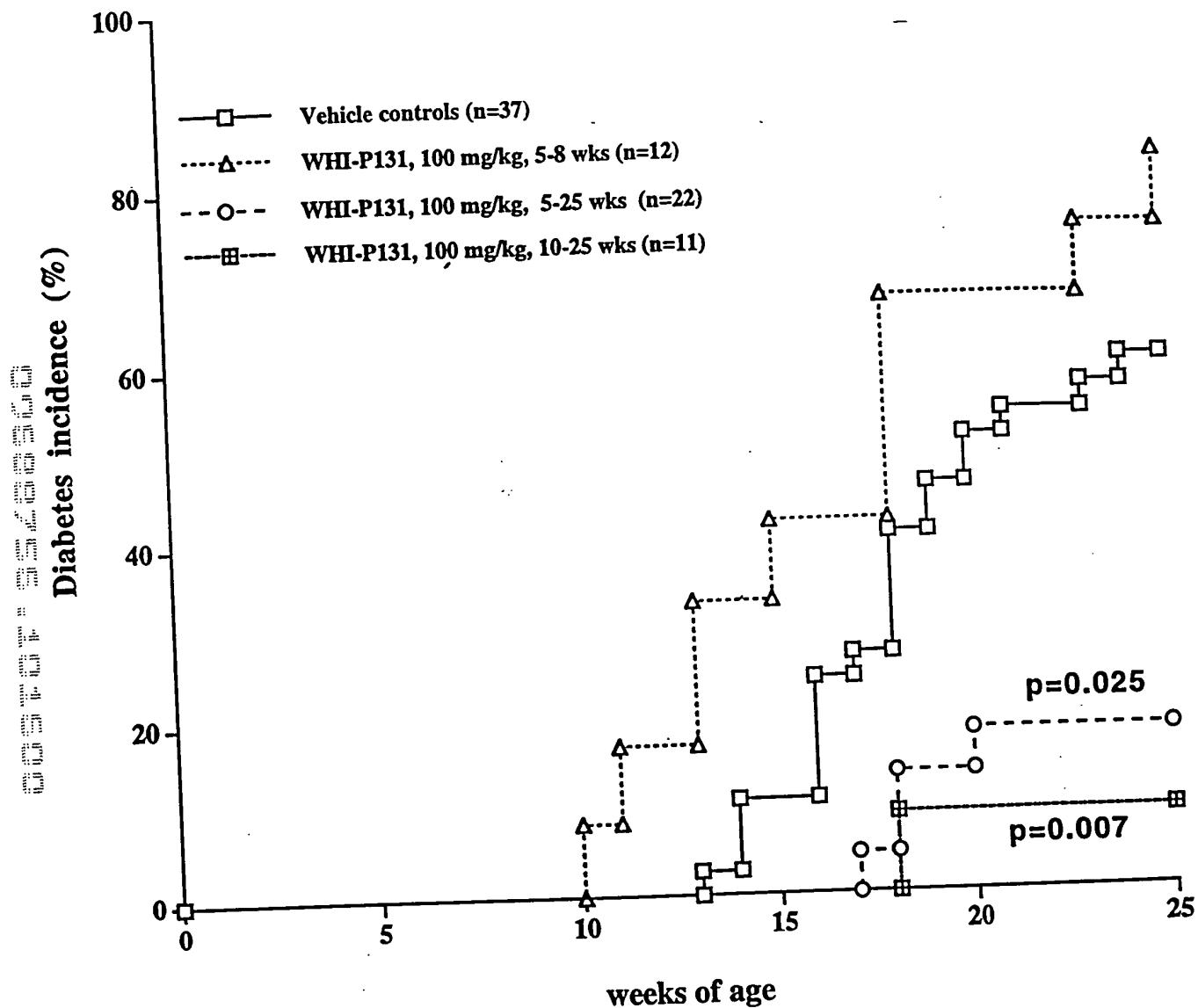


Figure 32



32

Figure 33

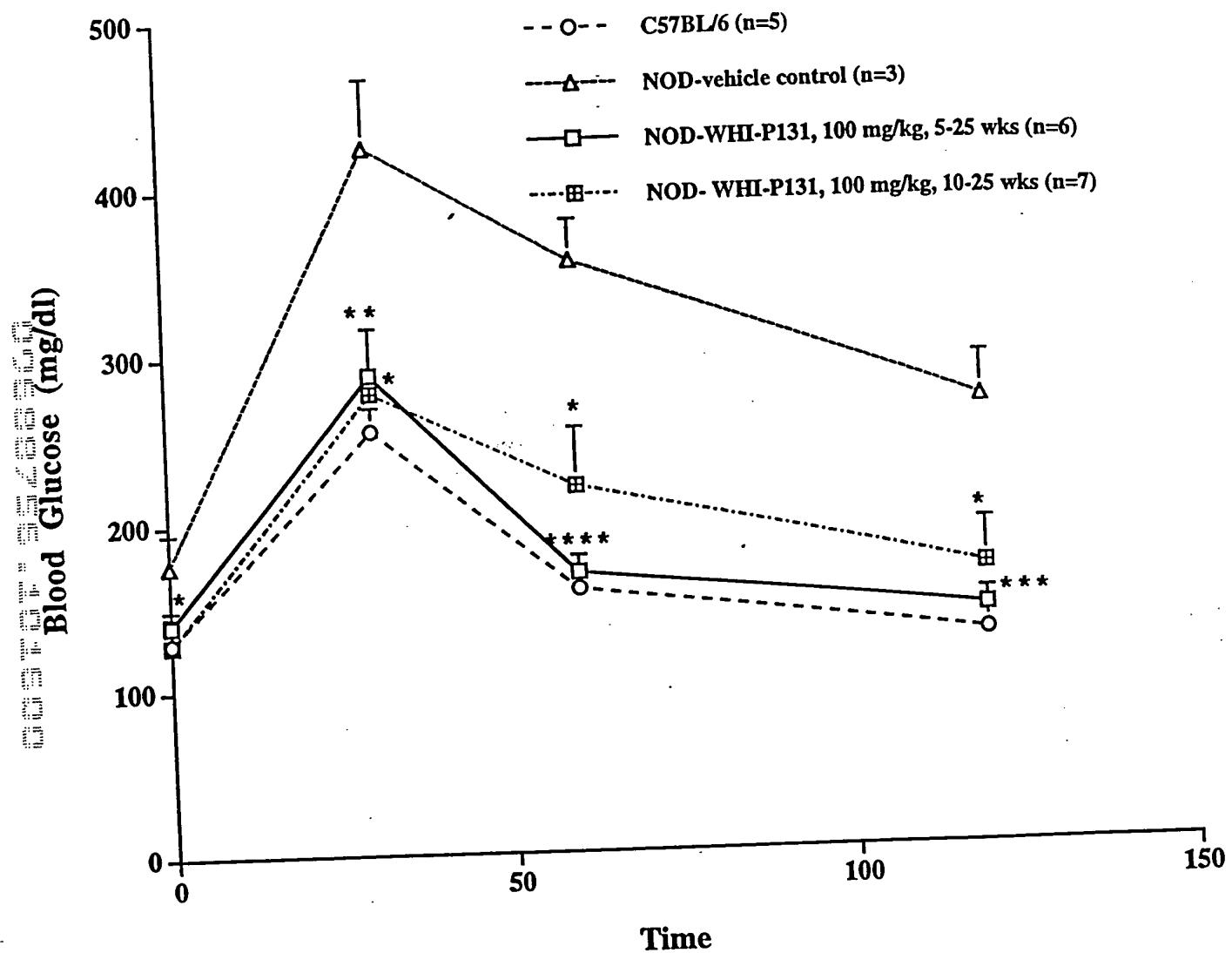


Figure 57

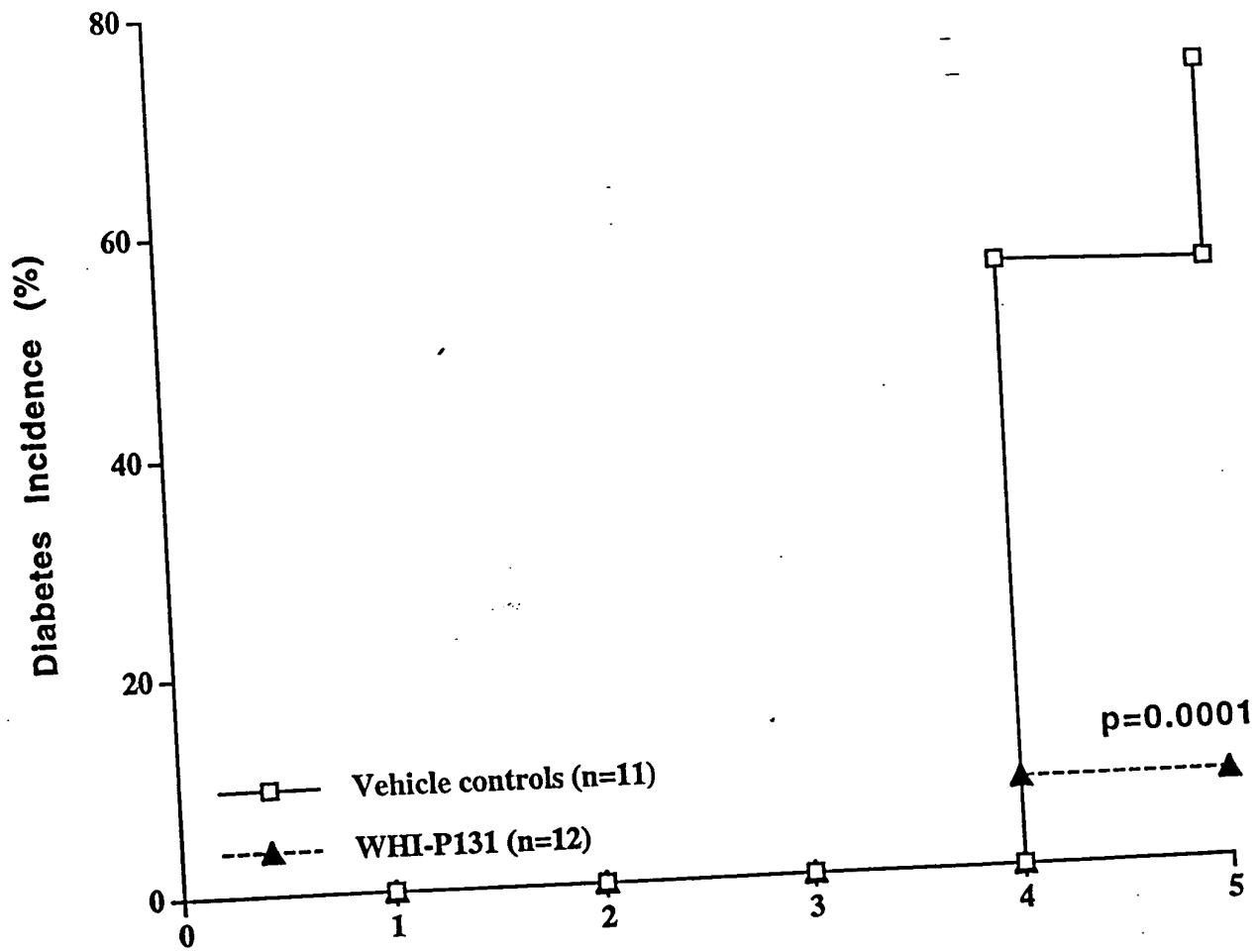
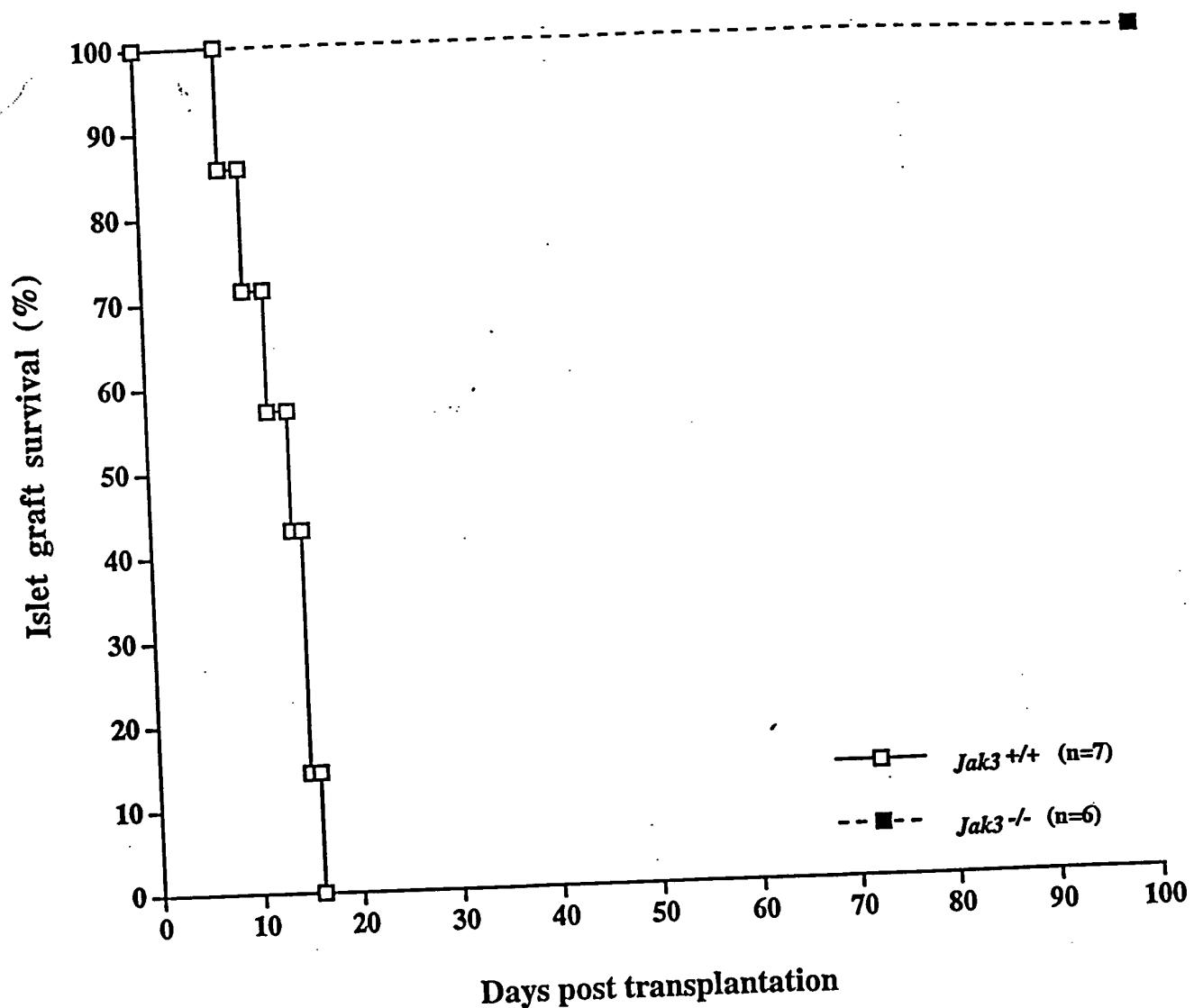
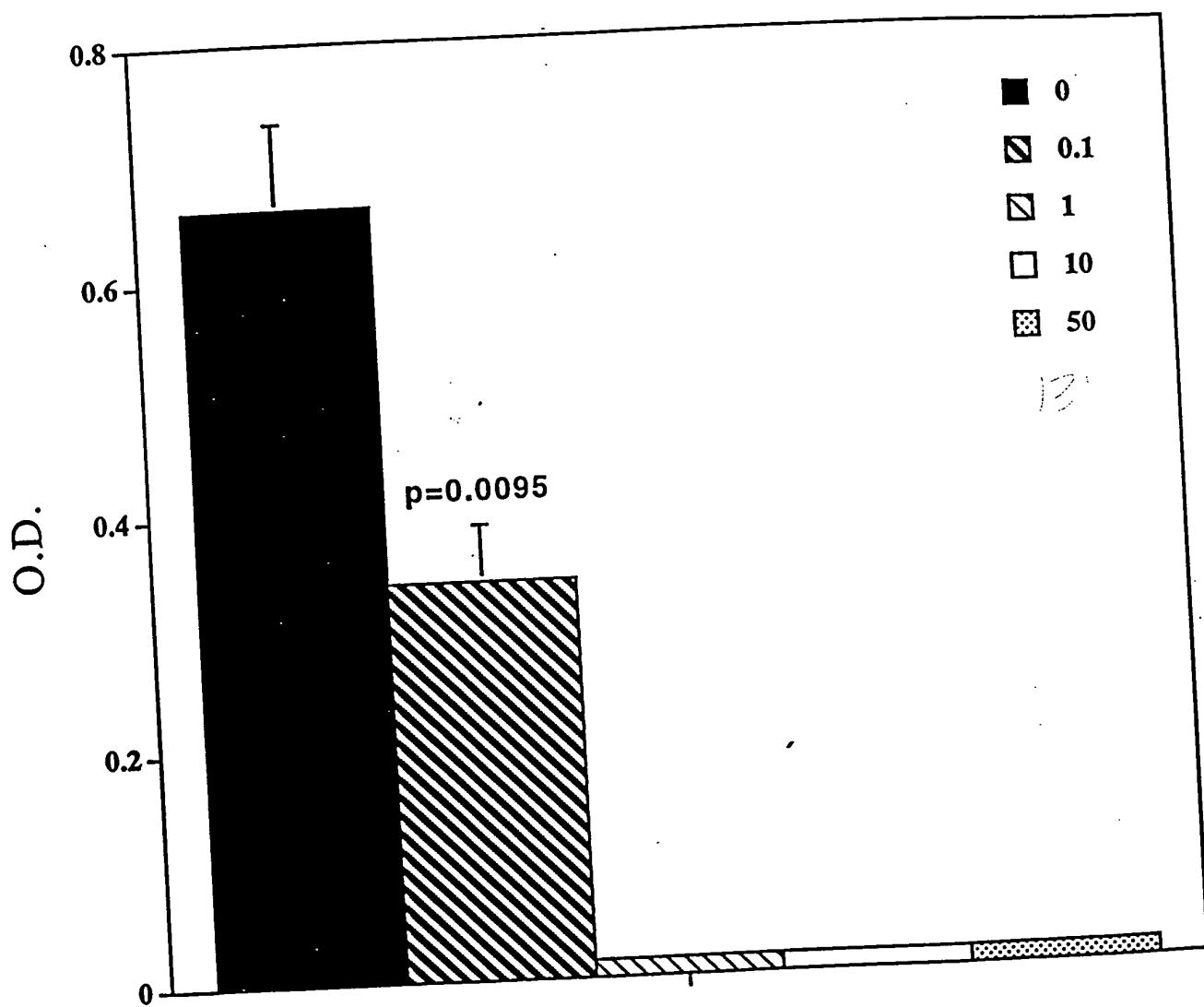


Figure 35



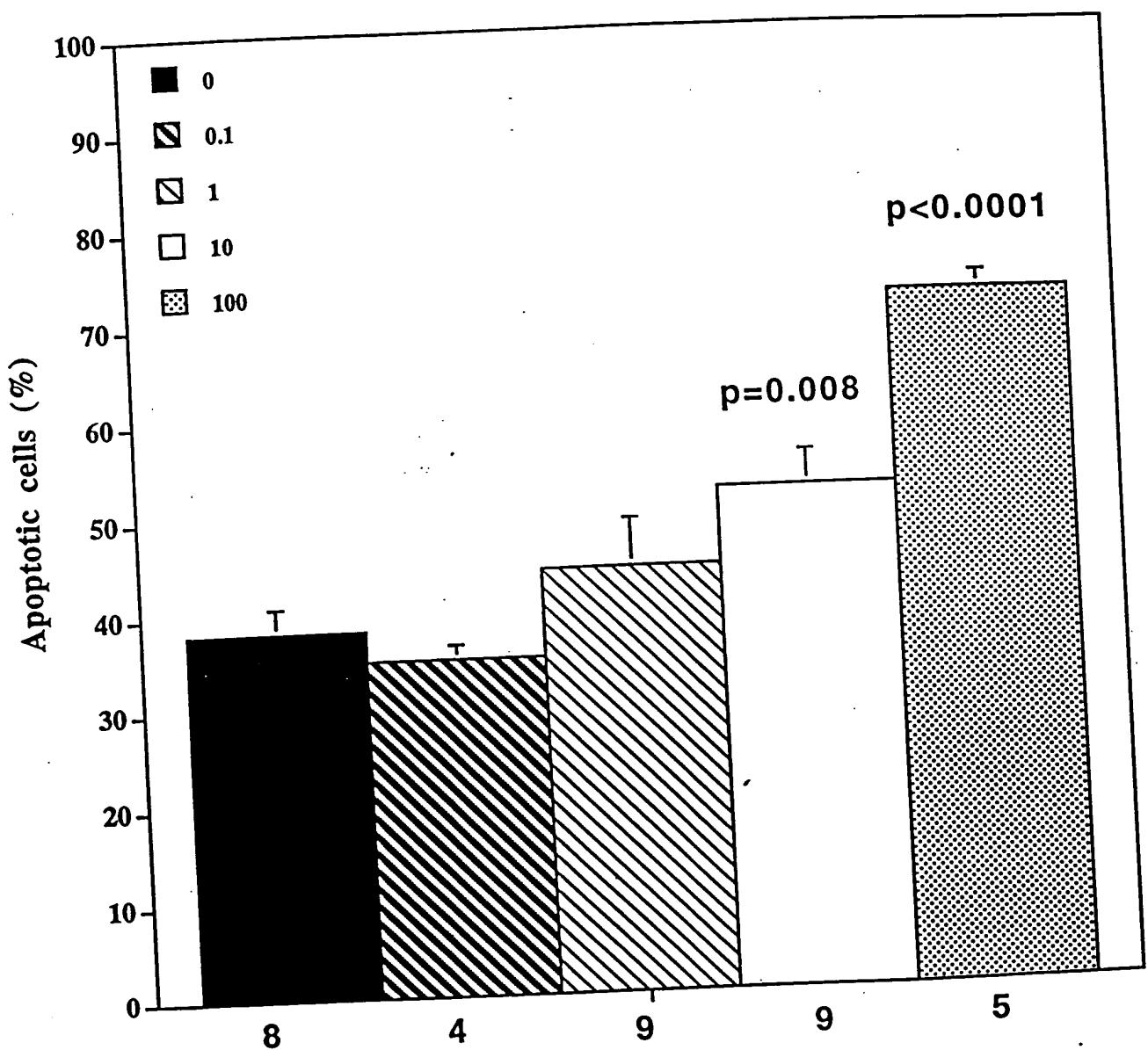
↳ ↳

Figure 36



36

Figure 5/



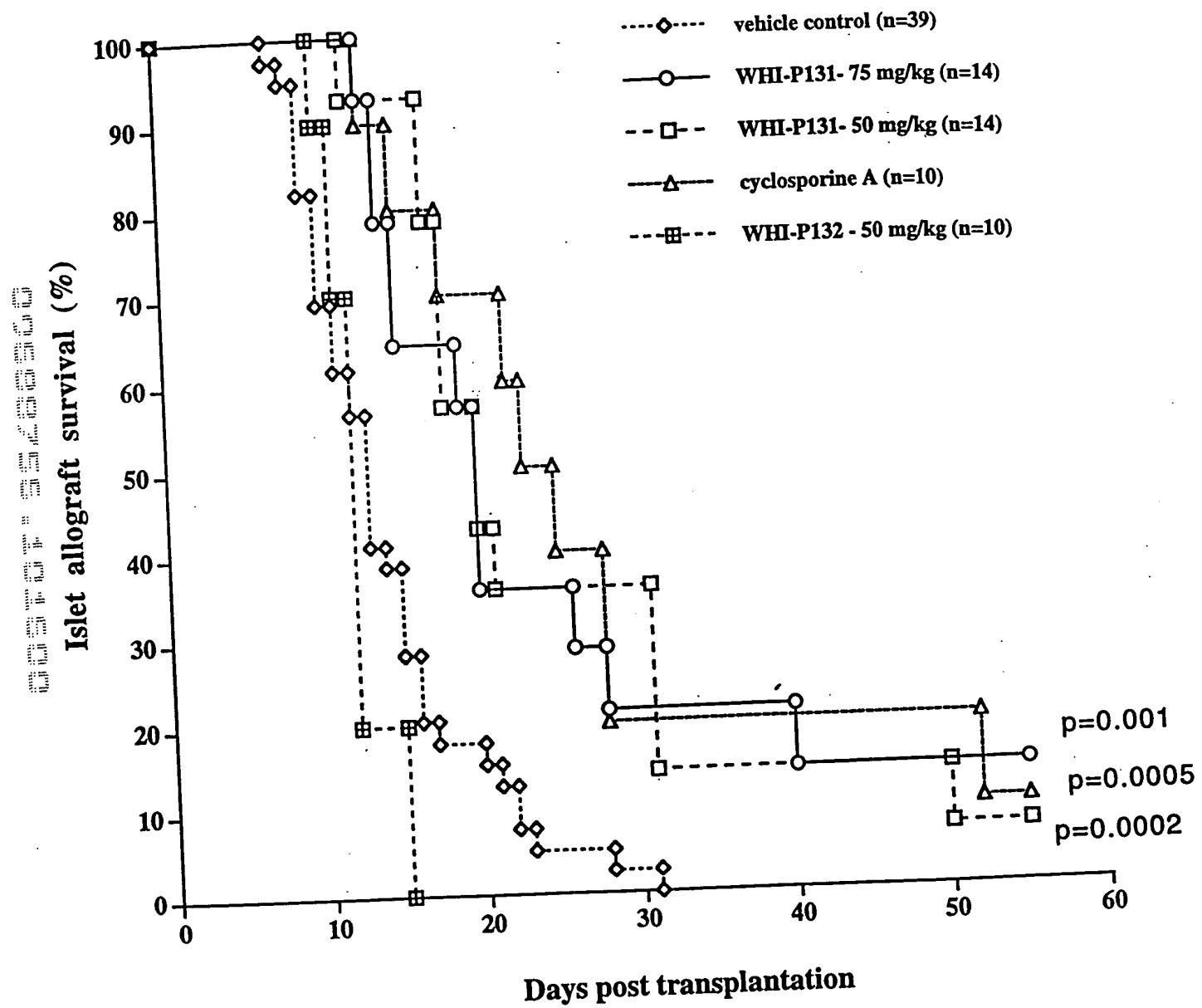


Figure 31

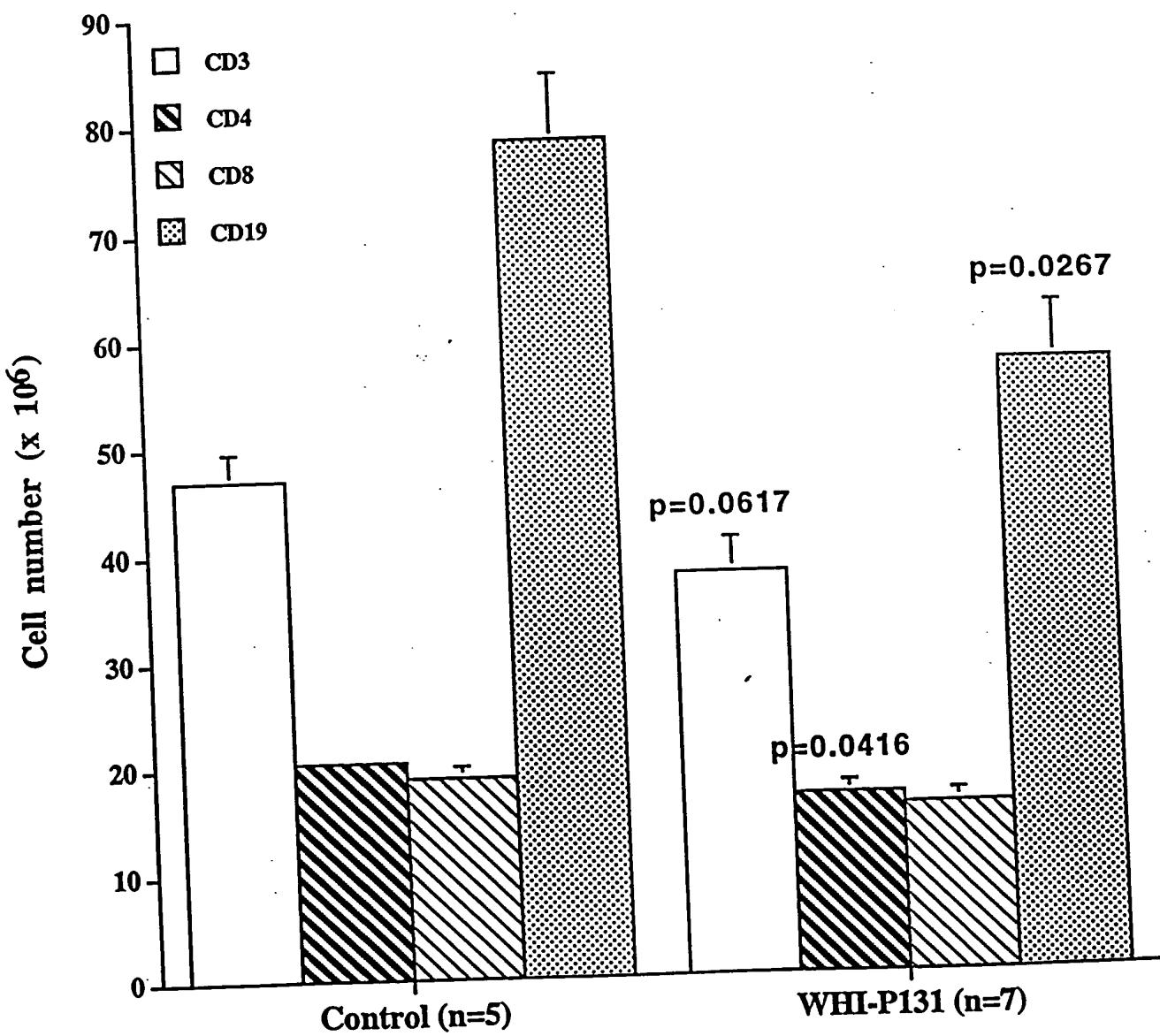
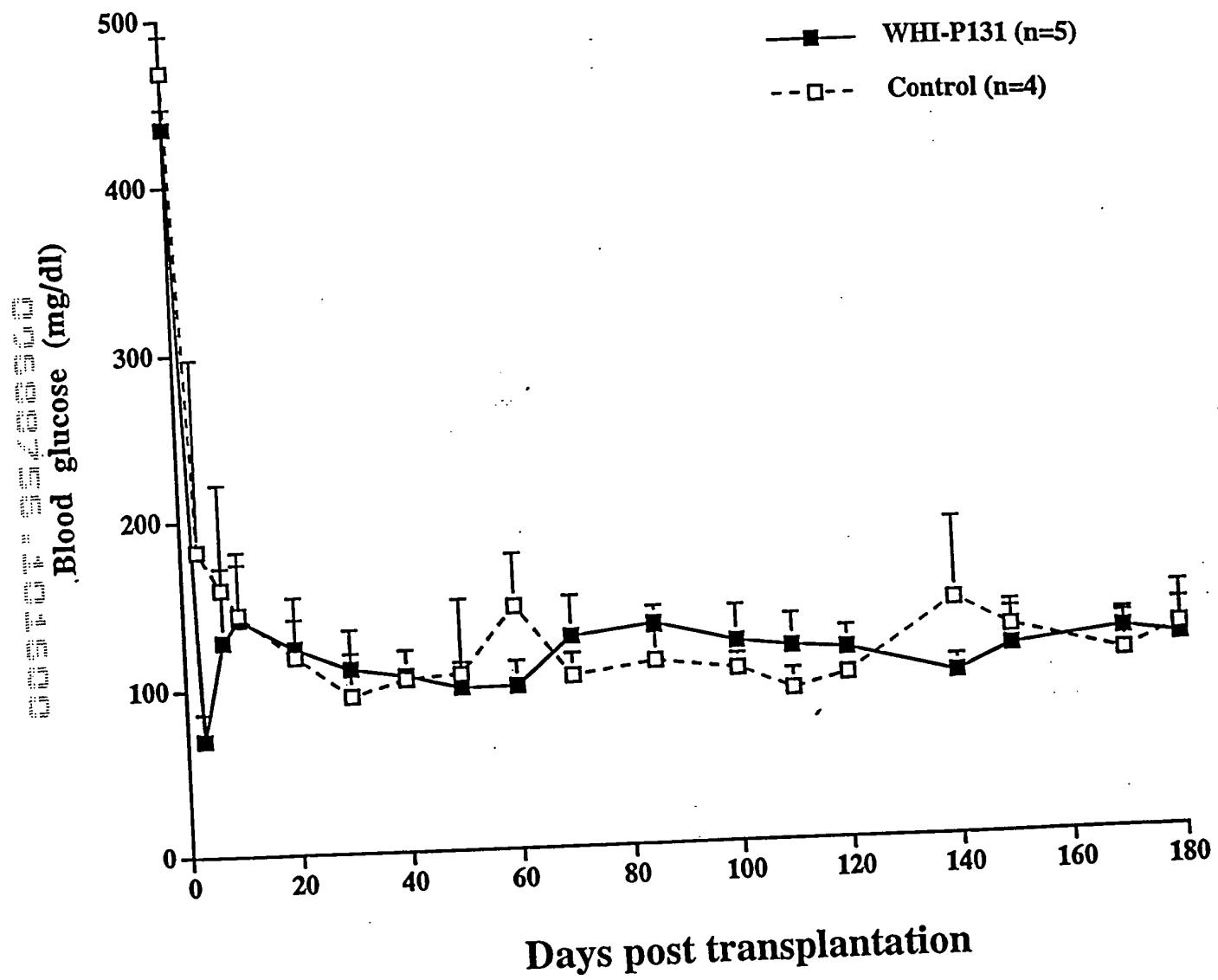


Figure 70



40

